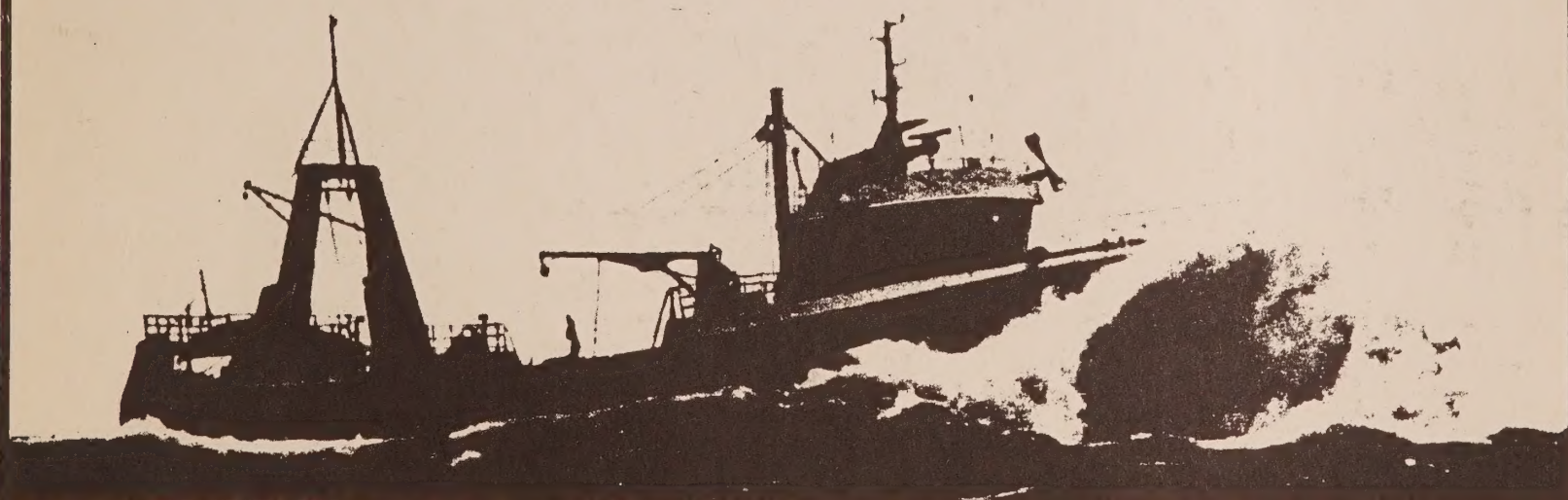




MARITIME RADIO HANDBOOK



MICHIEL SCHAAY

MARITIME RADIO HANDBOOK

© Copyright

Reproduction or use of the content in any form, or by any means is prohibited without prior written permission of the editor.

Universal Electronics, Inc.

4555 GROVES ROAD • SUITE 3 • COLUMBUS, OHIO 43232 • (614) 866-4605



Digitized by the Internet Archive
in 2025 with funding from
Amateur Radio Digital Communications, Grant 1659

<https://archive.org/details/maritime-hand>

This MARITIME RADIO HANDBOOK is a unique time schedule of coastal stations' shortwave transmissions on frequencies above 4 MHz.

It is the only list of this kind, especially compiled for shortwave listeners. Consequently, the information has been arranged in such a way that utmost convenience is achieved.

For an excellent and comprehensive summary of coastal radio stations on frequency order, you may wish to consult the GENERAL FREQUENCY AND CALL SIGN LIST or the GUIDE TO UTILITY STATIONS.

Obviously, the user may expect to receive only a relatively small part of the listed transmissions. This book is used all around the world and it is easy to see, that a shortwave listener in Australia will be able to receive other stations than his colleague in North America or Western Europe.

Reception conditions are, of course, an important factor. Also, stations may transmit off schedule, weekend schedules may not be identical to those carried out on weekdays and big stations may not use all mentioned frequencies simultaneously or include other than the listed channels.

The arrangement of the information is as follows:

column 1 - time in GMT/UTC

column 2 - call-sign of the station

column 3 - name of the station

column 4 - country abbreviation, an explanation of these abbreviations can be found in the General Frequency and Call-Sign List or the Guide to Utility Stations

column 5 - transmission mode: cw = morse ssb = single side band
rtty = radioteletype (no distinction is being
made for Baudot, SITOR and FEC)

column 6 - type of transmission:

blind tfc = blind traffic broadcast

ice = ice report

nav = navigational warnings

omega = omega navigational warnings

storm = storm warnings

tfc = traffic list

wx = weather messages and/or codes

column 7 - frequencies (in kHz.) and remarks. If this column indicates that specific transmissions are limited to summer or winter, it refers to the local season at the transmitter point.

I hope that this MARITIME RADIO HANDBOOK will be an appreciated aid in your efforts to catch signals from distant coastal stations. Good luck!

Michiel Schaay,
editor

Universal Electronics, Inc.

4555 GROVES ROAD • SUITE 3 • COLUMBUS, OHIO 43227 • (614) 866-4605

00.00	AQP	Karachi Naval	PAK	cw	tfc	6390 8490 13011
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CNP	Casablanca	MRC	cw	tfc	8686
	CUG	Sao Miguel	AZR	cw	tfc	4292 (dec-may) 6393.5 (june-nov)
	CWA	Cerrito	URG	cw	tfc/wx/nav	4346 6435.5 8602 12750 16871.3 22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZE	Mandaluyong	PHL	cw	wx	6423 8564 12864 17128
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZI	Bacoar	PHL	cw	wx	4336 6335.5 8672 13008 22506
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	EAD	Aranjuez	E	cw	tfc	6382.2 8682 (13065 summer only)
	FFP	Fort de France	MRT	cw	tfc/storm	8675.2
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	FJP	Noumea	NCL	cw	tfc/wx	8698
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	HCG	Guayaquil	EQA	cw	tfc/nav	8474
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5 22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	IAR	Roma	I	cw	tfc	4292 6409.5 8530 13011 17160.8 22372.5
	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 17112.6 22419
	JCX	Naha	J	cw	tfc	6470 12667.5
	KMI	Dixon	USA	ssb	tfc/wx	4357.4 8728.2 8784 13100.8 13187.6 17236
	KUQ	Pago Pago	SMA	cw	tfc/nav	8585
	LPB	Corrientes	ARG	ssb	tfc	4428.7
	LPD	General Pacheco	ARG	cw	tfc	4268 8646 12988.5 17045.6
	LSM	Comodoro				
		Rivadavia	ARG	ssb	nav	6218.6
	NMC	San Francisco	USA	rtty	wx	8714.5 17207
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5 16920 17068.4 22404 22419 22459 25262
	PJC	Curacao	ATN	cw	storm	6491.5 8694 (july 15 - nov 14 only)
	PKB20	Lhok Seumawe	INS	ssb	tfc	4425.6
	PKC	Palembang	INS	cw	tfc	6491.5
	PKC2	Plaju	INS	cw	tfc	8626
	PKD	Surabaya	INS	cw	tfc/nav	12704.5
	PKI	Jakarta	INS	cw	tfc/nav	16861.7
	PKI	Jakarta	INS	ssb	nav	8753
	PKN	Balik Papan	INS	cw	tfc/nav	6456.5 8437
	PKP	Dumai	INS	ssb	tfc/nav	8765.4
	PKR6	Cilacap	INS	ssb	tfc	8759.2
	PKY2	Biak	INS	cw	tfc/nav	8437
	PNK	Jayapura	INS	cw	tfc/nav	8694
	P2R	Rabaul	PNG	cw	tfc/wx/nav	4247 8515
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	SVA	Athinai	GRC	cw	tfc	4343 6478.75 8687 13047 17094.8 22417 25401

continuation

00.00	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662
	TUA	Abidjan	CTI	cw	tfc	4343
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6427 8473 8701 12703
	UQB	Kholmok	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	8514
	VWM	Madras	IND	cw	tfc	8674.5
	WLO	Mobile	USA	ssb	tfc/wx	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6466 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4385.3 8796.4 13128.7 17325.9
						22608.4
	XFP	Chetumal	MEX	cw	tfc	8595.5
	XSG	Shanghai	CHN	cw	storm	6454 8487 12954
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12969 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	8443
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4
						22533
<u>00.01</u>	ASK	Karachi	PAK	cw	tfc	8670
	NRV	Apra Harbour	GUM	rtty	wx	13077 17203 22567
	PZN	Paramaribo	SUR	cw	tfc	6355 8652.5 13046
	S3E	Khulna	BGD	cw	tfc	8658 13024
<u>00.03</u>	CWF	Punta Carretas	URG	ssb	wx/nav	4390.2
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPI	Ilhéus	B	ssb	tfc	4366.7 8774.7
	PPL	Belém	B	ssb	tfc	4369.8 8784
	P2M	Port Moresby	PNG	ssb	tfc/wx	4407 6515.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
	3DP	Suva	FJI	ssb	wx/nav	4372.9 8746.8
<u>00.05</u>	JNA	Tokyo	J	cw	nav	4276 8492 12942 17052.5 22398
	LPL	General Pacheco	ARG	ssb	tfc	8759.2
	OFJ	Helsinki	FNL	cw	tfc	4272 6355 8457 12669 12687
	SPH	Gdynia	POL	cw	tfc	4337 (6398) 8482 8634
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8
						22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	VIC	Carnarvon	AUS	cw	tfc	6407.5
	WOE	Lantana	USA	cw	tfc	12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
	9VG	Singapore	SNG	ssb	tfc	8728.2
<u>00.10</u>	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5 22533
						25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4
						17254.6

continuation

00.10	VIB	Brisbane	AUS	cw	tfc	6351.5
	VIO	Broome	AUS	cw	tfc	6407.5
	XSE	Qinhuangdao	CHN	cw	tfc	8484
00.18	FFD	Saint Denis	REU	cw	tfc	4226 8468.5
	J2A	Djibouti	DJI	cw	nav	8682
	NIK	Boston	USA	rtty	nav	8502
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	VIA	Adelaide	AUS	cw	tfc/wx/nav	6463.5
	VII	Thursday Isl.	AUS	cw	tfc/wx/nav	6333.5
	VWC	Calcutta	IND	cw	storm	4286 (only when disturbed weather)
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
	XVG	Haiphong	VTN	cw	wx	8470
	6YI	Kingston	JMC	cw	tfc	6470.5
00.20	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.2
	PKY41	Sorong	INS	ssb	tfc	6512.6
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	ZLB	Awarua	NZL	ssb	tfc	4419.4
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 12663 16874
	6VA	Dakar	SEN	cw	tfc	4295
	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396
00.25	UQB	Kholmsk	URS	cw	wx/ice/nav	8680 13029 16970
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
	8RB	Demerara	GUB	cw	tfc	12709
00.30	CCP	Puerto Montt	CHL	cw	wx	6405
	CCV	Valparaiso	CHL	cw	wx	4298
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	DZS	Manila	PHL	ssb	wx/nav	8776.8
	FFL	Saint Lys	F	cw	tfc	4328 8522.5
	FJA	Mahina	OCE	ssb	storm/nav	8805.7
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9 17242.2 17257.7
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPC	Ushuaia	ARG	cw	nav	4225
	LPD	General Pacheco	ARG	cw	wx/nav	4262
	LPO	Puerto Deseado	ARG	ssb	tfc/wx/nav	4379.1
	LSO	Buenos Aires	ARG	cw	nav	4304 8447 12728 16925.6
	NIK	Boston	USA	cw	nav	8502
	NMC	San Francisco	USA	cw	wx	8682 12730 17151.2
	PKK	Kupang	INS	cw	tfc/nav	8445
	PWZ	Rio de Janeiro				
		Naval	B	cw	wx	4289 6435 8550 12795 17160 22530
	UJQ	Kiev	URS	cw	nav	8635 12715
	UKA	Vladivostok	URS	cw	nav	4241 12870
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	UMV	Murmansk	URS	cw	nav	4307 6331.5 12661.5
	WOM	Pennsuco	USA	ssb	tfc	4363.6 8722 13116.3 17232.9 22639.4
	WSL	Amagansett	USA	rtty	tfc	8705 13094.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 12700 16884.5 16950 22452
	XSQ	Guangzhou	CHN	cw	wx/nav	6390 8514 12877
	XVG	Haiphong	VTN	cw	tfc	16950
	YJM	Port Vila	VUT	cw	tfc	6344
	ZKR	Raratonga	CKH	ssb	wx	8291.1
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515

continuation						
00.30	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5 22428
00.33	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
00.35	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6 22431
	ZLW	Wellington	NZL	ssb	tfc	4419.4
00.38	CFH	Halifax	CAN	rtty	wx	4271 6330
00.40	IAR	Roma	I	cw	wx	4292 4320
	WCC	Chatham	USA	rtty	tfc	6504.5 8715 13081.5 17207.5 22571.5
	XST	Qingdao	CHN	cw	tfc	8546
	ZLD	Auckland	NZL	ssb	tfc	4419.4
	3DP	Suva	FJI	cw	tfc	12700
00.45	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
00.48	VID	Darwin	AUS	cw	tfc/wx/nav	8487
	VIE	Esperance	AUS	cw	tfc	6407.5
	VIR	Rockhampton	AUS	cw	tfc/wx/nav	4255.6 6333.5
00.50	EBK	Las Palmas	CNR	cw	nav	4302.75
	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	8PO	Barbados	BRB	ssb	storm	4376 8765.4
	S3D	Chittagong	BGD	cw	wx	8694 13056 (only when disturbed wx)
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3 22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	4331 6376 8586 8630 12925.5 13033.5 16972
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 (winter only)
	XSZ	Dalian	CHN	cw	wx	6333.5 8694
	8PO	Barbados	BRB	ssb	tfc	8765.4 13138
	CFH	Halifax	CAN	cw	storm	4255 6430 8697
01.00	CFH	Halifax	CAN	rtty	wx	4271 6330
	CNP	Casablanca	MRC	cw	tfc	8686
	CUB	Madeira	MDR	cw	tfc	8461
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	FFP	Fort de France	MRT	cw	tfc/storm	4263
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474
	HIA	Santo Domingo	DOM	cw	tfc	4358 13087.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5 22571
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107 17239.1 22636.3
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5 13002 17016.5 17088.5 22479 22557
	NMO	Honolulu	HWA	cw	wx	16457.5 22472
	NPO	San Miguel Naval	PHL	cw	nav	8506
	NRV	Apra Harbour	GUM	cw	nav	12867
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567

continuation

01.00	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	cw	tfc	8626
	PKB20	Lhok Seumawe	INS	ssb	tfc	6512.6
	PKC	Palembang	INS	cw	tfc/nav	8437
	PKD	Surabaya	INS	ssb	nav	8796.4 13134.9
	PKE5	Ternate	INS	cw	tfc	6428.5
	PKM	Bitung	INS	cw	tfc/nav	8694
	PKN2	Balik Papan	INS	ssb	tfc	4425.6
	PKN7	Bontang	INS	cw	tfc	8626
	PKO	Tarakan	INS	cw	tfc/nav	8445
	PKP	Dumai	INS	cw	tfc/nav	8457
	PKR	Semarang	INS	cw	tfc	8461
	PKR6	Cilacap	INS	ssb	tfc	6512.6
	PKY5	Merauke	INS	cw	tfc	8457
	PKZ2	Cirebon	INS	cw	tfc	6491.5
	PNK	Jayapura	INS	cw	tfc/nav	12682.5
	PPJ	Junçao	B	cw	tfc	4251 8460 12689.5 16918
	PPL	Belem	B	cw	tfc	4265 8502 12979.5 17170
	PPO	Olinda	B	cw	tfc	4298 8520.1 12840 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc/wx/nav	6351.5 13042
	SAG	Göteborg	S	cw	tfc/press	4262 6372.5 8498 12880.5
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	4253 (winter) 6491.5 (summer)
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8543 12950 17063 22555
	UFB	Odessa	URS	cw	wx	6341.5 6353 8528.5 12947 16984
	UFL	Vladivostok	URS	cw	nav	8595 12729 22350
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6427 8473 8701 12703
	UQB	Kholm'sk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIP	Perth	AUS	cw	tfc/wx/nav	8597 12994 16947.6 22315.5
	VIS	Sydney	AUS	cw	nav	4286 6428.5 8478 12907.5 16918.6 22485
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4388.4 8762.3 13131.8 17245.3 22623.9
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12969 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	XYR	Rangoon	BRM	cw	storm	8441
	YJM	Port Vila	VUT	cw	tfc	8502
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3

continuation

01.00	4PB	Colombo	CLN	cw	tfc	12927.3
	9WW20	Kuching	MLA	ssb	nav	4371.1 or 8767.2
	9YL	North Post	TRD	cw	tfc/storm	8441
	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
01.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Junçao	B	ssb	tfc	4382.2 8802.6
	PPJ	Junçao	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	wx	4143.6
	PPO	Olinda	B	ssb	wx	4143.6
	PPR	Rio de Janeiro	B	ssb	wx	4143.6
	PPS	Santos	B	ssb	wx	4143.6
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moskva	URS	cw	tfc	8440.6 12910 16992.8 22512
	VII	Thursday Island	AUS	ssb	tfc	4428.7
	VIP	Perth	AUS	ssb	tfc/wx/nav	4428.7
01.05	HKB	Barranquilla	CLM	cw	tfc	4277 6463.5 8700.4 12781.5 13087.5 17004
	HSA	Bangkok	THA	cw	tfc	6518.8 8759.2
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
	9WW20	Kuching	MLA	ssb	tfc	4143.6 8294.2
01.10	CCV6	Belloto	CHL	cw	wx	4298 8558 12960
	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7 17260.8 22636.3
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
01.13	8RB	Demerara	GUB	cw	tfc	8449
01.15	C2N	Nauru	NRU	cw	tfc	8686
01.18	A9M	Bahrain	BHR	cw	tfc	4284
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	FJA	Mahina	OCE	cw	tfc	8461
	LPD	General Pacheco	ARG	cw	wx	4262 12763.5
	VIC	Carnarvon	AUS	ssb	tfc	4428.7
	VIE	Esperance	AUS	cw	tfc/nav	4323.6
	VIO	Broome	AUS	cw	tfc/wx	6407.5
	VPS	Hong Kong	HKG	cw	wx/storm	8539 8619 13020.4 13031 17096
	9VG	Singapore	SNG	cw	nav	4322 6412
01.20	DZR	Bulacan	PHL	cw	wx/nav	6446 8568 12852 17136
	HUH	Honiara	SLM	cw	tfc	12700
	PKY41	Sorong	INS	ssb	tfc	4425.6
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 12663 16874
	9VG	Singapore	SNG	cw	wx	4322 6412
01.30	AQP	Karachi Naval	PAK	cw	wx	6390 8490 13011 17093.6
	CFH	Halifax	CAN	cw	ice	4255 6430 8697
	CKN	Vancouver	CAN	cw	nav	4268

continuation

01.30	C2N	Nauru	NRU	cw	tfc	17194
	C6N	Nassau	BAH	cw	wx	6376 8441
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5
						16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	FFP	Fort de France	MRT	cw	wx	4263 8675.2
	GKA	Portishead	G	cw	storm	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	6491.5 8437 13069.5 16933.2
						22396
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12965.5 17184.8
						22515
	LPG	Rio Gallegos	ARG	ssb	tfc/wx/nav	4400.8
	LPW	Bahia Blanca	ARG	ssb	wx	4372.9
	LSA	Boca	ARG	cw	wx	4334 8726 12709
	NMO	Honolulu	HWA	rtty	wx	8718 13084.5 22574.5
	NRV	Apra Harbour	GUM	ssb	wx	13113.2
	PKC4	Panjang	INS	cw	tfc	6355
	PKG	Banjarmasin	INS	cw	tfc/nav	8457 monday - friday
	PKJ2	Tanjung Pinang	INS	cw	tfc	4295
	PKM9	Donggala	INS	cw	tfc/nav	8686
	PKN6	Samarinda	INS	cw	tfc	8445
	PKP2	Telukbayur	INS	cw	tfc	6355
	PKR3	Cilacap	INS	cw	tfc	8445
	PPJ	Junçao	B	cw	wx	4251 8460.5 12689.5 16918
	PPL	Belem	B	cw	wx	4265 8502 12979.5 17170
	UKK3	Nakhodka	YRS	cw	tfc	6439 8510 12990 17060
	VIX	Sydney	AUS	cw	wx	4286 6428.5 8478 12907.5 16918.6
						22485
	VTG	Bombay Naval	IND	cw	wx/nav	4268 6467 8634 12808.5
	VWC	Calcutta	IND	cw	tfc	8526
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WMI	Lorain	USA	ssb	wx	4382.2
	WOM	Pennsuco	USA	ssb	tfc	4391.5 8731.3 13122.5 17257.7
						22642.5
	XFM	Manzanillo	MEX	cw	tfc	4355
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5
						16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	12820
	XVG	Haiphong	VTN	ssb	tfc	4363.6
	XVT	Da Nang	VTN	cw	tfc	8570
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	ZLB	Awarua	NZL	cw	nav	8504 12740 17170.4 22533
	3BM	Mauritius	MAU	cw	wx/nav	6351.5 12988.5 16978.4
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	4288 16932 22543
	9MG	Pinang	MLA	cw	tfc	8698 12678
	9WW20	Kuching	MLA	cw	tfc	8522
01.33	FJA	Mahina	OCE	cw	tfc	17040.8
	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2 13141.1 17263.9
						22710.9
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VID	Darwin	AUS	ssb	tfc	4428.7
	VIE	Esperance	AUS	ssb	tfc/wx/nav	4428.7
	VPS	Hong Kong	HKG	ssb	tfc	4407

**DEPARTEMEN PERHUBUNGAN
DIREKTORAT JENDERAL PERHUBUNGAN LAUT**

Jl. MERDEKA TIMUR 5
JAKARTA

TEL : 363009 s/d 363073,
343137

TLX : 46783, 46784, 44373,
44227, DJPL IA

No. : SII/5-20 /DNV-SDETP/82

Jakarta, 22 August 20th 1982.

Enclosure : 1 (one)

Michiel Schaay

Sparrenlaan 42

3941 GM Doorn

HOLLAND.

Dear Sirs,

In reply to your letter dated July 19th 1982, we verify the reception report on signals transmitted by Amboina Radio/PKE.

Further information on the HF transmitting frequency and time schedules are enclosed herewith.

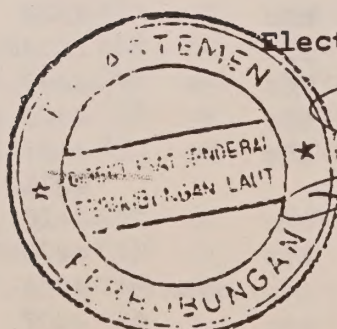
We hope that these data will help you in your listening program.

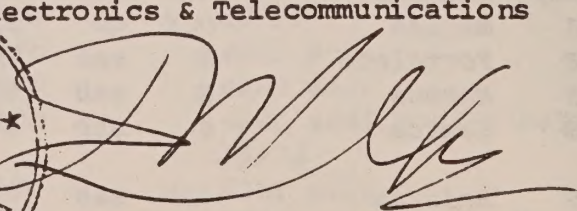
Thanking you for your kind attention and cooperation, we remain.

Yours Sincerely

Head of Sub Directorate For Marine

Electronics & Telecommunications




D.J.M. MANUPUTTY

continuation

01.30	5BA	Cyprus	CYP	ssb	tfc	8737.5
01.35	XSF	Lianyungang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
	CFH	Halifax	CAN	rtty	wx	4271 6330
01.40	VFF	Frobisher Bay	CAN	ssb	tfc/wx	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
	8PO	Barbados	BRB	cw	tfc	12709
01.45	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
	9VG	Singapore	SNG	ssb	wx/nav	8728.2
01.50	DZF	Bacoar	PHL	cw	tfc	17072
	EBC	Cádiz	E	cw	nav	6422
	VIS	Sydney	AUS	cw	tfc	8452 12979.5 17194.4 22495
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6
						17021.6 22487
02.00	AQP	Karachi Naval	PAK	cw	nav	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	8670
	CCV	Valparaiso	CHL	cw	nav	4298 8558 12960
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3
						22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	ONR	cw	tfc	4240 6467 8607 12873.5 17128.5
						22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 8740.6 8749.9
						13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 17112.6 22419
	JCX	Naha	J	cw	tfc	6470 12667.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	KCI98	King Salmon	ALS	ssb	wx	4125
	LF./G.	Rogaland	NOR	cw	omega nav	4241 6432 8574 12961 17074.4 22425
	LPM	Mar del Plata	ARG	ssb	tfc/wx/nav	4410.1 8749.9
	LSN	Mar del Plata	ARG	cw	nav	4239.5
	NMF	Boston	USA	rtty	wx/nav	8490 13020 16968.5
	NOJ	Kodiak	ALS	ssb	wx	6506.4
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	nav	13077 17203 22567
	PKA	Sabang	INS	cw	tfc	8473 monday - saturday
	PKB	Belawan	INS	cw	nav	8686
	PKB20	Lhok Seumawe	INS	cw	tfc	6456.5
	PKC	Palembang	INS	ssb	nav	8808.8
	PKD	Surabaya	INS	cw	tfc/nav	8461
	PKE	Amboina	INS	cw	tfc/nav	8473
	PKF	Makassar	INS	cw	tfc/nav	8686
	PKM	Bitung	INS	cw	tfc/nav	12704.5
	PKN7	Bontang	INS	cw	tfc	12980
	PKR	Semarang	INS	ssb	nav	8802.6
	PKR6	Cilicap	INS	cw	tfc	6456.5
	PKY4	Sorong	INS	cw	tfc/nav	8461
	PNK	Jayapura	INS	cw	tfc/nav	17074.4

continuation

02.00	PNK	Jayapura	INS	ssb	nav	8802.6
	PPO	Olinda	B	cw	wx	4298 8520.1 12840 17162
	PWZ	Rio de Janeiro				
		Naval	B	cw	nav	4289 6435 8550 12795 17160 22530
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SPE	Szczecin	POL	cw	tfc	4306 6459 (summer) 6376 (winter) 8557
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662
	T3K	Tarawa	KIR	ssb	tfc	4385.3 6215.5
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6427 8473 8701 12703
	UQB	Kholmok	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VAI	Vancouver	CAN	cw	wx/nav	4235 6493 8453 12876 17175.2 22368
	VAI	Vancouver	CAN	rtty	wx/nav	4354
	VFF	Frobisher Bay	CAN	cw	wx/nav	6493
	VIC	Carnarvon	AUS	cw	tfc/wx/nav	6407.5
	VWB	Bombay	IND	cw	tfc	8514
	VWM	Madras	IND	cw	tfc	8674.4 16975
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4403.9 8740.6 13184.5 17291.8 22596
	XSG	Shanghai	CHN	cw	nav	6454 8487 12954 17002.4
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YUG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	4PB	Colombo	CLN	cw	tfc	12927.3
	9WW20	Kuching	MLA	cw	nav	8522
02.01	S3E	Khulna	BGD	cw	tfc	8658 13024
02.03	EHY	Pozuelo del Rey	E	ssb	tfc	6515.7 8728.2 8746.8
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc/wx/nav	4428.7
02.05	LPD	General Pacheco	ARG	ssb	nav	8759.2 13159.7
	LPL	General Pacheco	ARG	ssb	tfc	4394.6
	OBC	Callao	PRU	cw	wx/nav	8650 12307
	OFJ	Helsinki	FNL	cw	tfc	4272 6355 8457 12687 12669
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	VCS	Halifax	CAN	ssb	wx	4410.1
	WOE	Lantana	USA	cw	tfc	6411.35

continuation

02.05	XSZ	Dalian	CHN	cw	tfc	4305
02.10	LSO	Buenos Aires	ARG	cw	nav	4304 8447 12728
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
	XVR4	Vung Tau	VTN	cw	tfc	4394.6
02.15	VCS	Halifax	CAN	ssb	wx	8787.1
	VIB	Brisbane	AUS	ssb	tfc	4428.7
	VPS	Hong Kong	HKG	cw	collective	8619 13031
					call-sign messages	
02.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	VIR	Rockhampton	AUS	ssb	tfc/nav	4428.7
	VIR	Rockhampton	AUS	cw	tfc/wx	4255.6 6333.5
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
	6YI	Kingston	JMC	cw	tfc	6470.5
02.20	JNA	Tokyo	J	cw	nav	4276 8492 12942 17052.5 22398
	PKY41	Sorong	INS	ssb	tfc	6512.6
	VCS	Halifax	CAN	rtty	wx/nav	4353
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 12663 16874
02.25	CFH	Halifax	CAN	rtty	wx	4271 6330
	CLA	Havanna	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
02.30	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas Evangelistas	ssb	wx		6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395
	CCM	Magallanes	CHL	cw	nav	4256 8510
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	DZZ	Manila	PHL	cw	wx	8576 12864
	FFL	Saint Lys	F	cw	tfc	4328 8522.5
	FJA	Mahina	OCE	ssb	nav/storm	8805.7
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9 17242.2 17257.7
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	OBY2	Paita	PRU	cw	nav	6436
	PKA	Sabang	INS	cw	tfc/nav	17184.8
	PKB	Belawan	INS	cw	tfc/nav	8686 12970.5
	PKC3	Jambi	INS	cw	tfc	6491.5
	PKJ2	Tanjung Pinang	INS	cw	tfc	4295
	PKP	Dumai	INS	cw	tfc/nav	12682.5
	PKS	Pontianak	INS	cw	tfc	6355
	PPO	Olinda	B	cw	nav	4298 8520.1 12840
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIT	Townsville	AUS	cw	tfc	6463.5
	WOM	Pennsuco	USA	ssb	tfc	4407 8746.8 13125.6 17260.8
	WSL	Amagansett	USA	rtty	tfc	8705 13094.5

continuation

02.30	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5
						16950 22452
	XVG	Haiphong	VTN	cw	tfc	4315
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5
						22428
02.33	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6
	VIO	Eroome	AUS	ssb	tfc	4428.7
02.35	LPD	General Pacheco	ARG	ssb	nav	4394.6
	PJC	Curacao	ATN	ssb	tfc	4379.1
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6
						22431
02.40	XST	Qingdao	CHN	cw	tfc	8546
02.45	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
	OBF4	Mollendo	PRU	cw	nav	6351
02.48	FJY4	St. Paul &				
		Amsterdam	AMS	cw	wx	8690
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VII	Thursday Island	AUS	ssb	tfc/wx/nav	4428.7
02.50	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 17952.5 17161.3
						22474
	VWV	Vizag	IND	cw	tfc	8510
02.55	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
03.00	A9M	Bahrain	BHR	cw	tfc	4284 8454
	CNP	Casablanca	MRC	cw	tfc	8686
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	DZD	Antipolo	PHL	cw	wx	4286 6429 8572 12858 17144
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	wx	4330 8660 12990 22323.5
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5
	DZP	Novaliches	PHL	cw	wx	6417 8556 12834 17112
	FFP	Fort de France	MRT	cw	tfc/storm	4263
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474
	HIA	Santo Domingo	DOM	cw	tfc/wx	4358 13087.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5
						22571
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4357.4 8728.2 8784 13100.8
						13187.6 17236
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5
						13002 17016.5 17088.5 22479
						22557
	LPD	General Pacheco	ARG	cw	tfc	4268 8646 12988.5 17045.6
	LPX	Comodoro				
		Rivadavia	ARG	ssb	tfc	4376
	LSM	Com. Rivadavia	ARG	cw	nav	4304
	NMO	Honolulu	HWA	cw	nav	16457.5 22472
	NRV	Apra Harbour	GUM	cw	wx	12743 17146

continuation

03.00	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB	Belawan	INS	ssb	nav	8746.8
	PKB20	Lhok Seumawe	INS	cw	tfc	12980
	PKN7	Bontang	INS	cw	tfc	6456.5
	PKR6	Cilacap	INS	ssb	tfc	8759.2
	PNK	Jayapura	INS	cw	tfc/nav	8694 monday - saturday
	PPJ	Juncao	B	cw	nav	8460.5 12689.5
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	4262 6372.5 8498 12880.5 (except 20-25 december)
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	4253 (winter) 6491.5 (summer)
	TUA	Abidjan	CTI	cw	tfc	4343
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorosiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6427 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIM	Melbourne	AUS	cw	tfc	6333.5
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4422.5 8749.9 13107 17310.4 22704.5
	XDD	Ixtapalapa	MEX	cw	wx	13043
	XFP	Chetumal	MEX	xw	tfc	8595.5
	XFU	Veracruz	MEX	cw	tfc/wx	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5.	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	4PB	Colombo	CLN	cw	tfc	12927.3
03.01	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
03.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPL	Belem	B	ssb	tfc	4369.8 8784
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIA	Adelaide	AUS	ssb	tfc	4428.7
	VIH	Hobart	AUS	ssb	tfc/wx/nav	4428.7
03.05	EQI	Abbas	IRN	cw	tfc	8469
	LPL	General Pacheco	ARG	ssb	tfc	4394.6 8759.2 13159.7
	LZW	Varna	BUL	cw	tfc	4250 6405 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4

continuation

03.05	TFA	Reykjavik	ISL	cw	tfc	4289
	VFA	Inuvik	CAN	ssb	wx/nav	4363.6
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
03.06	XSG	Shanghai	CHN	cw	wx/storm	6454 8487 12954
03.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7
						17260.8 22636.3
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5 22533
						25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
03.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	J2A	Djibouti	DJI	cw	nav	8682
	VIB	Brisbane	AUS	ssb	tfc/wx/nav	4428.7
03.20	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.2
	DZG	Las Pinas	PHL	cw	wx/nav	6441 8588 12882 17176 22502
	PKY41	Sorong	INS	ssb	tfc	4425.6
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 12663 16874
	6VA	Dakar	SEN	cw	tfc	4295
03.30	CCV	Valparaiso	CHL	cw	wx	4298
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5
						16980.4 22476 25196
	DZS	Manila	PHL	ssb	wx/nav	8776.8
	D4A	Sao Vicente	CPV	cw	tfc	8469
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	6491.5 8437 13069.5 16933.2 22396
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8
						22515
	KGD91	Yakutat	ALS	ssb	wx	4125
	NMO	Honolulu	HWA	rtty	nav	8718 13084.5 22574.5
	PKC	Palembang	INS	cw	tfc	6491.5
	PKE	Amboina	INS	ssb	nav	8796.4
	PKO	Tarakan	INS	cw	tfc/nav	8445
	PPL	Belem	B	cw	nav	4265 8502 12979.5
	PWZ	Rio de Janeiro				
		Naval	B	rtty	nav	6420 8530 12900 17122.4 22455
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc	4425.6 8793.3 13144.2 17263.9
	XFM	Manzanillo	MEX	cw	tfc	4355
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950
						22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	16950
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	4288 16932 22543
	9MG	Pinang	MLA	cw	tfc	8698 12678
03.33	CFH	Halifax	CAN	rtty	wx	4271 6330
	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9 22710.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2

continuation

03.33	VIM	Melbourne	AUS	ssb	tfc/wx/nav	4428.7
	VIT	Townsville	AUS	ssb	tfc/wx/nav	4428.7
	5BA	Cyprus	CYP	ssb	tfc	8737.5
03.35	VCS	Halifax	CAN	ssb	nav	4410.1
	XSF	Lianyungang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
03.40	VCS	Halifax	CAN	ssb	nav	8787.1
	VFF	Fronisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
03.45	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
03.48	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	SVG	Athinai	GRC	cw	wx	8454
	VIC	Carnarvon	AUS	cw	tfc	6407.5
	VID	Darwin	AUS	ssb	tfc/wx/nav	4428.7
03.50	DZF	Bacoar	PHL	cw	tfc	17072
	VIS	Sydney	AUS	cw	tfc	8452 12979.1 17194.9 22495
04.00	AQP	Karachi Naval	PAK	cw	tfc	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	13024.5
	A4M	Muscat	OMA	cw	tfc	4233
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3 22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	EAD	Aranjuez	E	cw	tfc	6382.22 8682
	FFP	Fort de France	MRT	cw	tfc/storm	8675.2
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22653
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5 22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	IAR	Roma	I	cw	tfc	4292 6409.5 8530 13011 17160.8 22372.5
	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 17112.6 22419
	JCX	Naha	J	cw	tfc	6470 12667.5
	J2A	Djibouti	DJI	cw	tfc	8682
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107 17239.1 22636.3
	KUQ	Pago Pago	SMA	cw	tfc/wx/nav	8585
	LPC	Ushuaia	ARG	ssb	nav	4385.3
	NMN	Portsmouth	USA	ssb	wx	4428.7 6506.4 8765.4
	NMO	Honolulu	HWA	cw	wx	16457.5 22472
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5 16920 17068.4 22404 22419 22459 25262
	PKB20	Lhok Seumawe	INS	ssb	tfc	4425.6
	PKC2	Plaju	INS	cw	tfc	8626

April 14, 1982

Supervisor
Radio Operations
Communications Operations Dept.
Arabian American Oil Company
Box 96
Dhahran, Saudi Arabia

Mr. Michiel Scaay
Sparrenlaam 42
3941 GM Doorn
Holland

Dear Mr. Michiel Schaay,

We acknowledge receipt of your letter dated April 2nd 1982.

It is verified and hereby confirm from our Station log that on April, 1st, 1982 at 1905 hrs GMT, RASTANURA radio (HZY) did broadcast on 8480 khz as stated in your RECEIPTION REPORT.

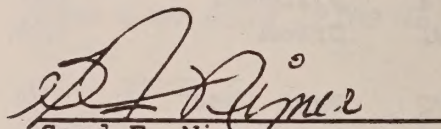
Herewith enclosed a receipt informative card which explains the relevant transmission. Understand this will suffice you for the present. With regard to second line of transmission " CQ CQ CQ DE HZY HZY HSSU? ANS CH5 " we are sorry to advise you that, it was due to tape malfunction. Thanks verymuch for advising. We appreciate your prompt and accurate reception on our transmission.

We appreciate your initiative in intimating us the readability and signal strength and the interference from Holland. We use Rotatable Horizontal Log Periodic antenna for the Transmission. The main aspect of our operations is to give a better service to vessels bound for Rastanura for loading oil.

Looking forward to hear from you more in regards to our Operations. Also, we thank you for contacting us.

Regards and Good luck.

Sincerely Yours,


Saad F. Nimer
Supervisor
Radio Operations

Encl: one card

continuation

04.00	PKF	Makassar	INS	cw	tfc	12682.5
	PKI	Jakarta	INS	cw	tfc/nav	8542 16861.7
	PKN	Balik Papan	INS	cw	tfc/nav	6456.5 8437
	PKR6	Cilacap	INS	ssb	tfc	4425.6
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	SVA	Athinai	GRC	cw	tfc	4343 6478.75 8687 13047 17094.8 22417 25401
	S3D	Chittagong	BGD	cw	tfc	13056
	S7Q	Seychelles	SEY	cw	tfc	8445
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.2 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6427 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	8514 12966 16935 22551
	VWC	Calcutta	IND	cw	tfc	4286
	VWM	Madras	IND	cw	tfc	8674.4 16975
	WBH29	Kodiak	ALS	ssb	wx	4125
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4385.3 8796.4 13128.7 17325.9 22608.4
	XFL	Mazatlan	MEX	cw	tfc	4250
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Hualien	CHN	cw	tfc	8546
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5.	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	4219.4
04.01	S3E	Khulna	BGD	cw	tfc	8658 13024
04.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
	3DP	Suva	FJI	ssb	wx/nav	4372.9 8746.8
04.05	EQZ	Abadan	IRN	cw	tfc	4294
	HKB	Barranquilla	CLM	cw	tfc	4277 6463.5 8700.4 12781.5 13087.5 17004
	LPD	General Pacheco	ARG	ssb	nav	8759.2
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 (16923.6 summer)
	SPH	Gdynia	POL	cw	tfc	4337 6398 8482 8634 12721 12826.5
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6



Naval Communications Station
HMAS HARMAN
CANBERRA ACT 2600

05 February 1981

MR Michiel Schaay
Sparren Laan 42
3941 G M DOORN
THE NETHERLANDS

Dear Sir,

Thankyou for your reception report dated 16.12.80.
Details of our transmission are as follows:

Date	15.12.80
Time	1725 GMT
Frequency	12907.5kHz
Emmission	0.1A1 (CW)
Transmitter	ATS-10
Power Output	10KW
Antenna	STC DISCONE (OMNI)
Transmission	CQ3 de VIX ³ 1/2/3/4/5/6

This is one of our multi component broadcast frequencies, radiating for Warships and Merchant vessels. When calling Merchant ships our transmitters are remotely keyed by Sydney Radio, about 260 kilometers from this station, using callsign VIX. This station uses callsign VHP for calling warships.

Every 4 hourly segment consists of:

- a. 2 hours of Naval traffic.
- b. .5 hours Weather messages.
- c. 1.5 hours Commercial traffic keyed by VIX.

Best wishes and good DXing,

Yours Sincerely,

D. E. McKee

(D.E. McKEE)
Warrant Officer; RAN
for Controller

continuation

04.05	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	VFC	Cambridge Bay	CAN	ssb	wx/nav	4363.6
	XSZ	Dalian	CHN	cw	tfc	4305
	9VG	Singapore	SNG	ssb	tfc/nav	8728.2
04.10	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	VIB	Brisbane	AUS	cw	tfc	6351.5
	VIO	Broome	AUS	cw	tfc	6407.5
	XSE	Qinhuangdao	CHN	cw	tfc	8484
	YKM5	Baniyas	SYR	cw	tfc	4351
04.15	C2N	Nauru	NRU	cw	tfc	17194
04.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	VIC	Carnarvon	AUS	ssb	tfc/wx/nav	4428.7
	VIR	Rockhampton	AUS	cw	tfc	4255.6 6333.5
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
	XVG	Haiphong	VTN	cw	wx	8470
04.20	GYC	Whitehall	G	cw	wx	4300.2 6413.7 8613.2 12807.7 17030.4 22454.2
	H4H	Honiara	SLM	cw	tfc	12700
	KFS	San Francisco	USA	cw	wx	4228 6348 8444.5 12695.5
	PKY41	Sorong	INS	ssb	tfc	6512.6
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	ZLB	Awarua	NZL	ssb	tfc	4419.4
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 12663 16874
04.25	CLA	Havanna	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
04.30	CFH	Halifax	CAN	xw	wx/nav	4255 6430 8697
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	FFD	Saint Denis	REU	ssb	tfc	8790.2
	FFL	Saint Lys	F	cw	tfc	(4328 winter) 8522.5 (12912.6 summer)
	FJP	Noumea	NCL	cw	tfc	12709
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HZY	Ra's Tannurah	ARS	cw	tfc/wx/nav	4308.5 8480 12811.3
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9 17242.2 17257.7
	J2A	Djibouti	DJI	cw	wx	8682
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPX	Comodoro Rivadavia	ARG	ssb	wx/nav	4376
	NMC	San Francisco	USA	ssb	wx	4428.7 8765.4 13113.2
	NMO	Honolulu	HWA	rtty	wx	8718 13084.5 22574.5
	PKC4	Panjang	INS	cw	tfc	6355
	PKG	Banjarmasin	INS	cw	tfc/nav	8457 monday - friday
	PKJ2	Tanjung Pinang	INS	cw	tfc	4295
	PKK	Kupang	INS	cw	tfc/nav	8445
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588 (summer)
	WNU	Slidell	USA	cw	tfc/wx	4310 6326.5 8570 12826.5 17117.6
	WOM	Pennsuco	USA	ssb	tfc	4363.6 8722 13116.3 17232.9 22639.4

continuation

<u>04.30</u>	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSX	Keelung	TAI	cw	wx	8445 12695 22459
	XVG	Haiphong	VTN	cw	tfc	12820
	XVG	Haiphong	VTN	ssb	tfc	4363.6
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	YJM	Port Vila	VUT	cw	tfc	4343
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	3BM	Mauritius	MAU	wx/nav		6351.5 12988.5 16978.4
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5 22428
<u>04.33</u>	FJA	Mahina	OCE	cw	tfc	8461
	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2
	VIE	Esperance	AUS	ssb	tfc	4428.7
<u>04.35</u>	EQK	Khoramshar	IRN	cw	tfc	8469
	VFU6	Coppermine	CAN	ssb	wx/nav	4363.6
	ZLW	Wellington	NZL	ssb	tfc	4419.4
	3BB	Port Louis	MAU	ssb	wx	4403.9
<u>04.40</u>	VIA	Adelaide	AUS	cw	tfc	6463.5
	WCC	Chatham	USA	rtty	tfc	6504.5 8715 13081.5 17207.5 22571.5
	XST	Qingdao	CHN	cw	tfc	8546
	ZLD	Auckland	NZL	ssb	tfc	4419.4
<u>04.45</u>	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 22497
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
<u>04.48</u>	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VWB	Bombay	IND	cw	storm	8630 12710 only if tropical storm has developed
	5ZF	Mombasa	KEN	cw	tfc	13065
<u>04.50</u>	KOK	Los Angeles	USA	cw	tfc/storm/wx	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	S3D	Chittagong	BGD	cw	storm	8694 13056 only in event of cyclo- nic storm
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3 22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	4331 6376 8586 12925.5 13033.5 16972
<u>05.00</u>	A4M	Muscat	OMA	cw	tfc	8445
	A9M	Bahrain	BHR	cw	tfc	4284 8454 12698
	CNP	Casablanca	MRC	cw	tfc	8686
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	4289
	C9L4	Beira	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	ETV	Massawa	ETH	cw	wx	4155
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474

continuation

05.00	HZG	Dammam	ARS	cw	tfc	4253.5 6364.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5
						22571
	IDQ	Rome Naval	I	cw	wx	4280 6390.3
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5
						13002 17016.5 17088.5 22479 22557
	LF./G.	Rogaland	NOR	cw	tfc	4241 6432 8574 12961 17074.5 22425
	LPW	Bahia Blanca	ARG	ssb	nav	4372.9 8771.6
	LSO	Buenos Aires	ARG	ssb	nav	6218.6 8291.1
	NRV	Apra Harbour	GUM	rtty	tfc/wx	13077 17203 22567
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	ssb	tfc	6512.6
	PKC	Palembang	INS	cw	tfc/cw	8437
	PKM	Bitung	INS	cw	tfc/nav	8694
	PKN2	Balik Papan	INS	ssb	tfc	6512.6
	PKN6	Samarinda	INS	cw	tfc	8445
	PKP	Dumai	INS	cw	tfc/nav	17184.8
	PKR6	Cilacap	INS	cw	tfc	12980
	PNK	Jayapura	INS	cw	tfc/nav	12682.5 monday - saturday
	PNK	Jayapura	INS	ssb	nav	8802.6 monday - saturday
	PPJ	Juncao	B	cw	tfc	4251 8460 12689.5 16918
	PPL	Belem	B	cw	tfc	4265 8502 12979.5 17170
	PPO	Olinda	B	cw	tfc	4298 8520.1 12840 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	8498 12880.3 17079.4 22413 25461
						except 20 - 25 december
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UBN	Jdanov	URS	cw	wx	4265
	UDB	Leningrad	URS	cw	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730
						16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6427 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIS	Sydney	AUS	cw	nav	4286 6428.5 8478 12907.5 16918.6
						22485
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	VTG	Bombay Naval	IND	cw	nav/wx	4268 6467 8634 12808.5 16938
						22378 monday - saturday
	VTP	Vishakhapatnam				
		Naval	IND	cw	nav	4238 6418 8646 12840 only if
						Bombay is off the air
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5
						12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4388.4 8762.3 13131.8 17245.3
						22623.9

continuation

05.00	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSW	Kao-hsiung	TAI	cw	wx	8582
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	XYR	Rangoon	BRM	cw	storm	8441
	YIR	Basrah Control	IRQ	cw	tfc	6330 12660 16906
	YJM	Port Vila	VUT	cw	tfc	6344
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5P	Rügen	DDR	ssb	tfc	8722 (summer)
	3XC	Conakry	GUI	cw	tfc	6383
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	4219.4
	7OA	Aden	YMS	cw	tfc	8441.5
	9WW20	Kuching	MLA	ssb	nav	4371.1 or 8767.2
05.01	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
05.02	WMI	Lorain	USA	ssb	wx/storm	4382.2
05.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	FJA	Mahina	OCE	cw	tfc	17040.8
	PPC	Itajaí	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2R	Rabaul	PNG	ssb	tfc/wx/nav	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIP	Perth	AUS	ssb	tfc/nav	4428.7
	VII	Thursday Island	AUS	ssb	tfc	4428.7
05.05	EQI	Abbas	IRN	cw	tfc	8469
	HSA	Bangkok	THA	cw	tfc	6518.8 8759.2
	LPL	General Pacheco	ARG	ssb	tfc	4394.6
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	ZSD/ZUD	Durban	AFS	cw	nav	4242.5 8576.5
				ssb	nav	4376 8740.6
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
	9WW20	Kuching	MLA	ssb	tfc	4143.6 8294.2
05.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7
						17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4
						22599.1 summer
	OST	Oostende	BEL	cw	tfc	6328.5 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5 22533
						25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
	XVR4	Vung Tan	VTN	cw	tfc	4394.6
	YKM5	Baniyas	SYR	cw	tfc	8667
	5RS	Taomasina	MDG	cw	wx	8734
	5RS	Taomasina	MDG	ssb	wx	8767
	5RS	Taomasina	MDG	cw	nav	8465
	WLC	Rogers City	USA	ssb	wx/storm	4369.8
05.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	9VG	Singapore	SNG	cw	nav	4322 6412
05.20	UFB	Odessa	URS	cw	wx/nav	6341.5
	XSO	Wenzhou	CHN	cw	tfc	4280 8586

continuation

05.20	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
05.25	FFD	Saint Denis	REU	cw	tfc	8468.5
05.30	AQP	Karachi Naval	PAK	cw	storm	6390 8490 13011 17093.6
	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Isl.Evangelistas	CHL	ssb	wx	6395
	CBF67	Pta.Dungeness	CHL	ssb	wx	6395
	CFH	Halifax	CAN	cw	wx	4255 6430 8697
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	FFP	Fort de France	MRT	cw	tfc/storm	4263
	FJP	Noumea	NCL	cw	tfc	8698
	GKA	Portishead	G	cw	storm	4286 6368.9 8545.9 12822 17098.4 22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	4328 6491.5 8437 13069.5 16933.2 22396
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8 22515
	KLC	Galveston	USA	cw	wx	4256 6369 8666 13038 16871.3
	NMN	Portsmouth	USA	ssb	wx	4428.7 6506.4 8765.4
	PKC3	Jambi	INS	cw	tfc	6491.5
	PKM9	Donggala	INS	cw	tfc/nav	8686
	PKP2	Telukbayur	INS	cw	tfc	6355
	PKS	Pontianak	INS	cw	tfc	8473
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIX	Sydney	AUS	cw	wx	4286 6428.5 8478 12908.5 16918.6 22485
	VWC	Calcutta	IND	cw	tfc	8526
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588 winter only
	WMH	Baltimore	USA	tfc	cw	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc	4391.5 8731.3 13122.5 17257.7 22642.5
	XFM	Manzanillo	MEX	cw	tfc/wx	4355
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XSX	Hua-lien	TAI	cw	wx	8546
	XVG	Haiphong	VTN	cw	tfc	4315
	YIR	Basrah	IRQ	cw	wx	6493.25
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	ZLB	Awarua	NZL	cw	nav	8504 12740 17170.4 22533
	4PB	Colombo	CLN	cw	wx	8473
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	4288 16932 22543
	9MG	Pinang	MLA	cw	tfc	8698 12678
	9WW20	Kuching	MLA	cw	tfc	8522
05.33	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6

Luanda, 21/01/80

Dear Sir.

I am very glad to answer your letter of 27TH December 1979.

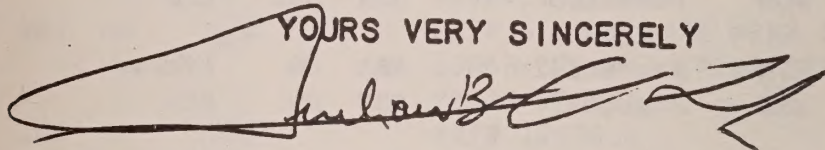
This is (QSL) confirmation of your reception of our radio transmission on that date.

The station you heard was D3e2 "Luandarádio" our call sign on 8565 MHZ directed to ships stations. Mode cw A1.

For your information we work to on 13023 MHZ call sign D3e3 time 0600/1755 GMT we will be pleased to accept other information, if you shall be kindly to send to us.

Please take note for our new address
Empresa Pública de Telecomunicações - EPTel
Coast Rádio Station - Luandarádio
Caixa Postal 625
Luanda - R.P.A.

YOURS VERY SINCERELY

A handwritten signature in dark ink, appearing to be 'Luanda', written over the typed name 'Luanda' in the signature line.

continuation

05.33	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VID	Darwin	AUS	ssb	tfc	4428.7
	5BA	Cyprus	CYP	ssb	tfc	8737.5
	5ZF	Mombasa	KEN	ssb	tfc	4397.7
05.35	EQK	Khoramshar	IRN	cw	tfc	8469
	VIH	Hobart	AUS	ssb	tfc	4428.7
	XSF	Lianyungang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
05.40	CBF29	Punta Tortuga	CHL	ssb	wx	6395
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
	3DP	Suva	FJI	cw	tfc	8690
05.45	DAJ	norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
	NMO	Honolulu	HWA	ssb	wx	6506.4 8765.4
05.48	FJY4	St. Paul et Amsterdam	AMS	cw	wx	8690
	JMC	Tokyo	J	cw	storm	4298 6397 8526 12840 17029
05.50	DZF	Bacoar	PHL	cw	tfc	17072
	VIS	Sydney	AUS	cw	tfc	8452 12979.5 17194.4 22495
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6
						17021.6 22487
05.55	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CT..	Monsanto	POR	cw	wx	4236 8527 13003
				rtty	wx	4233 8524 13000
06.00	AQP	Karachi Naval	PAK	cw	nav	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	13024.5
	CKN	Vancouver	CAN	cw	nav	4268
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3
						22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portisheas	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GYC	Whitehall	G	cw	wx	4300.2 6413.7 8613.2 12807.7
						17030.4 22454.2
	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5
						22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6
						8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 17112.6 22419
	JCX	Naha	J	cw	tfc	6470 12667.5
	J2A	Djibouti	DJI	cw	tfc	8682
	KMI	Dixon	USA	ssb	tfc/wx	4357.4 8728.2 8784 13100.8
						13187.6 17236
	LPD	General Pacheco	ARG	cw	tfc	4268 8646 12988.5 17045.6
	LZL	Burgas	BUL	cw	tfc	8564
	NMO	Honolulu	HWA	cw	nav	16457.5 22472
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65
						12916.5 16920 17068.4 22404
						22419 22459 25262

Awarua Radio/ZLB,
Private Bag,
INVERCARGILL.

9 January 1981

Dear Michiel,

Many thanks for your very interesting letter. I'm a little late in replying but I hope that you will forgive me for that. December is a busy month with the approach of Christmas and New Year and letters have to be put aside for after a time when the pressure dies down.

Yes, we can confirm that the transmission you heard at 1805GMT, 17 December 1980 on 8504mHz emanated from this Station. It is our traffic list which is sent every 2 hours on the even hours (0000Gmt, 0200Gmt, 0400Gmt etc).

I have enclosed a sheet giving the details of our Station. I hope you find it interesting.

I must congratulate you on your English. I wish I could speak Dutch as well as you can speak English. I have a strong liking for languages and take every opportunity to learn a few words here and there. Greek is my favourite followed by French. There are many Dutch living in New Zealand but they all seem to learn English and never speak in their own tongue any more.

I hope you had a good 1980 and will even enjoy a better 1981.

Tot Ziens!

Paul J. Cotter
Paul J. Cotter.

continuation

06.00	PKB	Belawan	INS	cw	tfc	8686 16861.7
	PKB20	Lhok Seumawe	INS	cw	tfc	6456.5
	PKC	Palembang	INS	ssb	nav	8808.8
	PKF	Makassar	INS	ssb	tfc/nav	8802.6
	PKM	Bitung	INS	cw	tfc/nav	6428.5
	PKN2	Balik Papan	INS	cw	tfc	6456.5
	PKN7	Bontang	INS	cw	tfc	8626
	PKR6	Cilacap	INS	ssb	tfc	8759.2
	PKZ2	Cirebon	INS	cw	tfc	6491.5 monday-saturday
	PZN	Paramaribo	SUR	cw	tfc	6355 8652.5 13046
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SPE	Szczecin	POL	cw	tfc	(4306 winter) 8557 12939
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	S7Q	Seychelles	SEY	cw	tfc	12660
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 12736.5 (winter) 17021.6 (summer)
	TJC	Douala	CME	cw	tfc	8449
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	UBN	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VAI	Vancouver	CAN	cw	wc/nav	4235 6493 8453 12876 17175.2 22368
	VAI	Vancouver	CAN	rtty	wx/nav	4354
	VWB	Bombay	IND	cw	tfc	8514 12966 16935 22551
	VWM	Madras	IND	cw	tfc	8674.4 12718.5 16975
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4403.9 8740.6 13184.5 17291.8 22596
	XSV	Tianjing	CHN	cw	tfc/ice	4283 8600 12962 16862.5
	XSX	Hualien	TAI	cw	tfc	8546
	YQI	Constanta	ROU	cw	tfc	6473.5 8459 12757 17037 22448
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.5 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5P	Rügen	DDR	ssb	tfc	13103.9 (winter)
	Y5M	Rügen	DDR	cw	blind tfc	8443
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2 (summer)
	4PB	Colombo	CLN	cw	wx	8473
	4PB	Colombo	CLN	cw	tfc/nav	12927.3
	4WD	Al Hudaydah	YEM	cw	tfc	12855.75
	5OW	Lagos	NIG	cw	tfc	4219.4
	8PO	Barbados	BRB	cw	cw	6379.5
	9WW20	Kuching	MLA	cw	nav	8522
	9YL	North Post	TRD	cw	tfc/storm	8441
06.01	S3E	Khulna	BGD	cw	tfc	8658 13024
06.03	EHY	Pozuelo del Rey	E	ssb	tfc	6515.7 8728.2 8746.8 13128.7 13181.4 17322.8 17344.5 (22596 22682.2 summer only)

continuation

06.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPJ	Juncao	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	wx	4143.6
	PPO	Olinda	B	ssb	wx	4143.6
	PPR	Rio de Janeiro	B	ssb	wx	4143.6
	PPS	Santos	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	tfc	4369.8 8784
	P2M	Port Moresby	PNG	ssb	tfc/wx/nav	4407 6515.7
	VIC	Carnarvon	AUS	ssb	tfc	4428.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
06.05	EQZ	Abadan	IRN	cw	tfc	8471
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 16923.6
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	VIC	Carnarvon	AUS	cw	tfc	6407.5
	WOE	Lantana	USA	cw	tfc	6411.35
	XSZ	Dalian	CHN	cw	tfc	4305
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 winter
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
06.15	XSE	Qinhuangdao	CHN	cw	tfc	8484
	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 summer
	VIB	Brisbane	AUS	ssb	tfc	4428.7
	VPS	Hong Kong	HKG	cw	collective call-sign msgs	8619 13031
06.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	J2A	Djibouti	DJI	cw	nav	8682
	SVG	Athinai	GRC	cw	wx	8454
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	VIR	Rockhampton	AUS	cw	tfc	4255.6 6333.5
	VWB	Bombay	IND	cw	wx	8630 12710
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
06.20	XVG	Haiphong	VTN	cw	nav	4315
	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.2
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.5 22315.5
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	6383
06.25	9PA	Banana	ZAI	cw	nav	8714
	CLA	Havana	CUB	cw	tfc	4225 6337 8573 12673.5 13062 17165.6 22396
	XSU	Yantai	CHN	cw	tfc	8574
06.30	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
	CCV	Valparaiso	CHL	cw	wx	4298
	CFH	Halifax	CAN	rtty	wx	4271 6330
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	DZS	Manila	PHL	ssb	wx/nav	8776.8
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9 17242.2 17257.7

continuation

06.30	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPL	General Pacheco	ARG	ssb	wx	4434.9
	NMC	San Francisco	USA	cw	wx	4346 8682 12730
	NMO	Honolulu	HWA	rtty	nav	8718 13084.5 22574.5
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	PCH	Scheveningen	HOL	rtty	blind tfc	4351.5 6496.5 8713 13077 17217.5
	PKB	Belawan	INS	cw	tfc/nav	12970.5
	PKP	Dumai	INS	cw	tfc/nav	12682.5
	PWZ	Rio de Janeiro	B	cw	wx	4289 6435 8550 12795 17176 22530
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKA	Vladivostok	URS	cw	wx/ice	4241 12870
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	UMV	Murmansk	URS	cw	nav/ice	4307 6331.5
	VIT	Townsville	AUS	cw	tfc	6463.5
	WOM	Pennsuco	USA	ssb	tfc	4407 8746.8 13125.6 17260.8
	WSL	Amagansett	USA	rtty	tfc	8705 13094.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12871.5 16916.5
						17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950
						22452
	XVG	Haiphong	VTN	cw	tfc	16950
	Y5M	Rügen	DDR	cw	blind tfc	16892.9
	ZSC	Cape Town	AFS	ssb	tfc/nav	8461 12724 17018 22455 (4143.6)
	4XO	Haifa	ISR	ssb	tfc	13144.2
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5
						22428
<u>06.33</u>	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9
						22710.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
	VIO	Broome	AUS	ssb	tfc	4428.7
	VIR	Rockhampton	AUS	ssb	tfc/wx/nav	4428.7
	5ZF	Mombasa	KEN	ssb	tfc	8784
<u>06.35</u>	EQK	Khoramshar	IRN	cw	tfc	8469
	LPD	General Pacheco	ARG	ssb	nav	4394.6 8759.2
	PJC	Curacao	ATN	ssb	tfc	4379.1
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570
<u>06.40</u>	FKA	Mahina	OCE	ssb	wx	8805.7
	IAR	Rome	I	cw	wx	4292 4320
	XST	Qingdao	CHN	cw	tfc	8546
<u>06.45</u>	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
<u>06.48</u>	VII	Thursday Island	AUS	ssb	wx/nav	4428.7
	VWB	Bombay	IND	cw	nav	8630 12710
<u>06.50</u>	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3
						22474
	VWV	Vizag	IND	cw	tfc	8510
	YQI	Constanta	ROU	cw	wx	4323.5 6473.5 12757
<u>07.00</u>	A4M	Muscat	OMA	cw	tfc	12675.5
	CNP	Casablanca	MRC	cw	tfc	8686
	CUL	Lisbon	POR	ssb	tfc	13107
	C6N	Nassai	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L4	Beira	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	FFT	Saint Lys	F	rtty	tfc	8708.5 13074.5 17201 22563
	FFT	Saint Lys	F	rtty	wx	4352
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467

continuation

07.00	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
						monday-friday
	HZG	Dammam	ARS	cw	tfc	8484.5 12658.2
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5
						22571
	IAR	Rome	I	cw	wx	4292 8530 13011 17160.8
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 17239.1
						22636.3
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5
						13002 17016.5 17088.5 22479 22557
	LZL	Burgas	BUL	cw	tfc	8564
	NMO	Honolulu	HWA	cw	wx	16457.5 22472
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	cw	tfc	12980
	PKI	Jakarta	INS	cw	tfc/nav	12970.5 16861.7
	PKN2	Balik Papan	INS	ssb	tfc	4425.6 6512.6
	PKN7	Bontang	INS	cw	tfc	6456.5
	PNK	Jayapura	INS	cw	tfc/nav	(8694 sunday) 17074.4
	PPO	Olinda	B	cw	wx	4298 8520.1 12840 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	8498 12880.5 17079.4 22413 25461
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 12736.5 (winter)
						17021.6 (summer)
	S3D	Chittagong	BGD	cw	tfc	13056
	TJC	Douala	CME	cw	tfc	13069.5
	TUA	Abidjan	CTI	cw	tfc	13060.5
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc/nav	4307 6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmok	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIM	Melbourne	AUS	cw	tfc	6333.5
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6466 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4422.5 8749.9 13107 17310.4 22704.5
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	XVT	Da Nang	VTN	cw	tfc	8570
	YIR	Basrah	IRQ	cw	tfc	6330 12660 16906
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5P	Rügen	DDR	ssb	tfc	17319.7 summer

continuation

07.00	ZSD	Durban	AFS	cw	blind tfc	4242.5 8576.5 13028
	3AC	Monaco	MCO	ssb	tfc	8728.2
	4PB	Colombo	CLN	cw	tfc	12927.3
	4WD	Al Hodaydah	YEM	cw	tfc	12855.75
	5OW	Lagos	NIG	cw	tfc	8698
	S3E	Khulna	BGD	cw	tfc	8658 13024
07.01	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
07.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	S7Q	Seychelles	SEY	ssb	tfc	8771.6
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIA	Adelaide	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc/wx/nav	4428.7
07.05	EQI	Abbas	IRN	cw	tfc	8469
	LPL	General Pacheco	ARG	ssb	tfc	4394.6 8759.2 13159.7
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 2344
	OXZ	Lyngby	DNK	ssb	tfc	8740.6 13141.1 17338.3 22704.5
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4
						22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
07.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7
						17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4
						22599.1 summer
	OST	Oostende	BEL	cw	tfc	6328.5 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5 22533
						25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
07.15	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 winter
	3AC	Monaco	MCO	ssb	wx	4363.6 8743.7 13172.1 17251.5
						22651.8
	3AC8	Monaco	MCO	ssb	nav	8728.2
07.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	VIH	Hobart	AUS	ssb	tfc/wx/nav	4428.7
	VPS	Hong Kong	HKG	cw	storm	8539 8619 13020.4 13031 17096
07.20	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
07.25	FFD	Saint Denis	REU	cw	tfc	8468.5
07.30	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5
						16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	FFS	Saint Lys	F	cw	tfc	8510 12678 17040.8 22318.5
	GKA	Portishead	G	cw	nav/storm	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	4328 6491.5 8437 13069.5 16933.2
						22396
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8
						22515



MINISTERIO DE ECONOMIA
Corporación de Empresas Nacionales
EMPRESA NACIONAL DE
CORREOS Y TELEGRAFOS

DON BOSCO, 31 de octubre de 1979.

Señor
Michiel SCHAAAY
Sparrenlaan 42
3941 GM DOORN
Holanda

Tengo el agrado de avisar recibo de su carta del 13 del corriente mes, relacionada con su reporte de nuestra emisión radiotelegráfica sistema A2, General Pacheco Radio LPD88 QSX, a las 2245 HOA/0145 HMG del día 12.10.79, en la frecuencia de 12988,5 kHz.

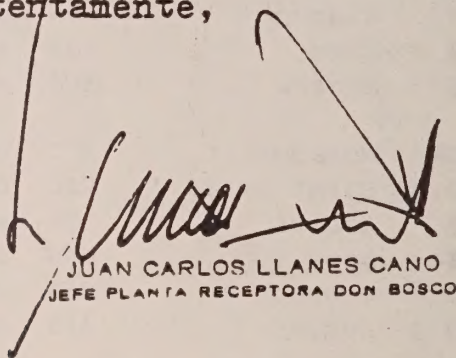
Se trata de un servicio oficial de correspondencia pública, Servicio Móvil Marítimo Telegráfico, de nuestra Administración Nacional, dirigido a buques en navegación por todos los mares del mundo.

Sus datos son correctos y estamos muy reconocidos por su eficaz colaboración.

Asimismo, le hago saber que es muy bonita la colorida guía de Keukenhof.

En mi país, en la zona de los Lagos del Sur también se cultivan flores muy hermosas, parecidas a las de su bella Holanda. Felicitaciones.

Saludo a Ud. atentamente,



JUAN CARLOS LLANES CANO
JEFE PLANTA RECEPTORA DON BOSCO

Lomas de Zamora N° 252
1876 DON BOSCO (B)
REPUBLICA ARGENTINA

continuation

07.30	NMO	Honolulu	HWA	rtty	wx	8718 13084.5 22574.5
	NRV	Apra Harbour	GUM	ssb	wx	13113.2
	PKD	Surabaya	INS	cw	tfc/nav	8461
	PKO	Tarakan	INS	cw	tfc/nav	8445
	PKR	Semarang	INS	ssb	nav	8802.6
	PKR3	Cilaçap	INS	cw	tfc	8445
	PPJ	Juncao	B	cw	wx	4251 8460.5 12689.5 16918
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WMI	Lorain	USA	ssb	wx	4382.2
	WOM	Pennsuco	USA	ssb	tfc	4425.6 8793.3 13144.2 17263.9
	XFM	Manzanillo	MEX	cw	tfc	4355
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5
						16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	12820
	XVG	Haiphong	VTN	ssb	tfc	4363.6
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	Y5M	Rügen	DDR	cw	blind tfc	8443
	ZSD	Durban	AFS	ssb	blind tfc	4376 8740.6 13172.1
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	8437 16932 22543
	9MG	Pinang	MLA	cw	tfc	8698 12678
<u>07.33</u>	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VID	Darwin	AUS	ssb	tfc/wx/nav	4428.7
	VIM	Melbourne	AUS	ssb	tfc/wx/nav	4428.7
	VPS	Hong Kong	HKG	ssb	tfc	4407
	5BA	Cyprus	CYP	ssb	tfc	8737.5
<u>07.35</u>	EQK	Khoramshar	IRN	cw	tfc	8469
	VCS	Halifax	CAN	ssb	nav	4410.1
	XSF	Lianyubgang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
<u>07.40</u>	CFH	Halifax	CAN	rtty	wx	4271 6330
	TFA	Reykjavik	ISL	cw	tfc	4289 6344 8690 13069.5 16909.7
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
<u>07.45</u>	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
<u>07.48</u>	VIT	Townsville	AUS	ssb	tfc/wx/nav	4428.7
<u>07.50</u>	DZF	Bacoor	PHL	cw	tfc	17072
	EBK	Las Palmas	CNR	cw	nav	4302.75
	FFL	Saint Lys	F	cw	wx	4328 6421.5
	HSA	Bangkok	THA	cw	wx	8573.5 8686 12800
	VIS	Sydney	AUS	cw	tfc	8452 12979.5 17194.4 22495
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6
						17021.6 22487
<u>08.00</u>	AQP	Karachi Naval	PAK	cw	tfc	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	13024.5
	A9M	Bahrain	BHR	cw	tfc	4284 8454 12698
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CNP	Casablanca	MRC	cw	tfc	8686
	CT.	Monsanto	POR	cw	wx/nav	4236 8527 13003
				rtty	wx/nav	4233 8524 13000
	CUL	Lisbon	POR	ssb	tfc	13107
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8502 12750 16871.3
						22312.5

BELGIE
REGIE VAN TELEGRAFIE
EN TELEFONIE

BELGIQUE
REGIE DES TELEGRAPHES
ET DES TELEPHONES

GEWEST VAN DE RADIO MARITIEME DIENSTEN
OOSTENDE

OST - OSU

«OOSTENDERADIO»

KUSTSTATION

STATION COTIERE



NAVIGATION MARITIME BULGARE

VARNA

Your ref. *2871*
Our ref. *2871*

15 Juin 1979

GENERAL DIRECTOR
HEAD OFFICE
VARNA

Blvd. Chervenoarmeiska 1
Cable: NAVIBULGAR
Telex: NAVIBULGAR
No. 077525, 077526, 077406,
077466

Monsieur Michiel Schaay
Sparrenlaan 42
3941 GM DOORN
H O L L A N D E

Monsieur,

Nous vous remercions pour la lettre et ci joint
vous trouverez la confirmation voulue de la reception.

Agreez nos salutations:

Directeur du Departement de Communication:

continuation

08.00	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	C9L4	Beira	MOZ	cw	tfc	4289
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	EAD	Aranjuez	E	cw	tfc	6382.22 8682 13065 17184.8 22446
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	FJP	Noumea	NCL	cw	tfc	12709
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GXH	Thurso	G	cw	nav	12691
	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc/wx	4308.5 8480 12811.3
	IAR	Rome	I	cw	tfc/blind tfc	4292 6409.5 8530 13011 17160.8 22372.5
	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 17112.6 22419
	JCX	Naha	J	cw	tfc	6470
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	J2A	Djibouti	DJI	cw	tfc	8682
	KCI95	Cold Bay	ALS	ssb	wx	4125
	L..	Rogaland	NOR	ssb	tfc	13162.8 17294.9
	LF./G.	Rogaland	NOR	cw	tfc/omega	4241 6432 8574 12961 17074.4 22425
	LPX	Comodoro				
		Rivadavia	ARG	ssb	wx/nav	4376
	LPW	Bahia Blanca	ARG	ssb	nav	4372.9 8771.6
	LZL	Burgas	BUL	cw	tfc	8564
	NPO	San Miguel Naval	PHL	cw	nav	8506
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	cw	nav	12867
	NRV	Apra Harbour	GUM	rtty	nav	13077 17203 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 13119.4
	OXZ	L yngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5 16920 17068.4 22404 22419 22459 25262
	PKB20	Lhok Seumawe	INS	ssb	tfc	8759.2
	PKC	Palembang	INS	cw	tfc	6491.5
	PKC2	Plaju	INS	cw	tfc	8626
	PKF	Makassar	INS	cw	tfc/nav	8686
	PKP	Dumai	INS	ssb	tfc/nav	8765.4
	PKR6	Cilacap	INS	cw	tfc	6456.5
	PKS	Pontianak	INS	cw	tfc	6355
	PNK	Jayapura	INS	ssb	nav	8802.6
	PPL	Belem	B	cw	wx	4265 8502 12979.5 17170
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2 17254.6 17356.9 22602.2 22685.9
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	SVA	Athinai	GRC	cw	tfc	4343 6478.75 8687 13047 17094.8 22417 25401
	S3D	Chittagong	BGD	cw	tfc	13056
	S7Q	Seychelles	SEY	cw	tfc	8445
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 12736.5 (winter) 17021.6 (summer)
	TJC	Douala	CME	cw	tfc	8449
	TJC	Douala	CME	cw	wx	13069.5
	TUA	Abidjan	CTI	cw	tfc	8465

continuation

08.00	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UJO5	Izmail	URS	cw	tfc	4474 6386.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	8514 12966 16935 22551
	VWM	Madras	IND	cw	tfc	8674.4 12718.5 16975
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4385.3 8796.4 13128.7 17325.9 22608.4
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	CHN	cw	tfc	8546
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	YKM7	Lattakia	SYR	cw	tfc	12728
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YUR	Rijeka	YUG	ssb	tfc	8746.8 17263.9 22713.8
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	16892.9
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3VP	La Skhirra	TUN	cw	tfc	4251
	3XO	Kamsar	GUI	cw	tfc	6383
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	8698
	9LL	Freetown	SRL	cw	tfc	6411 monday-saturday
<u>08.01</u>	S3E	Khulna	BGD	cw	tfc	8658 13024
<u>08.03</u>	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIO	Broome	AUS	ssb	tfc/nav	4428.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
	3DP	Suva	FJI	ssb	wx/nav	4372.9 8746.8
<u>08.05</u>	EQZ	Abadan	IRN	cw	tfc	13069.5
	JNA	Tokyo	J	cw	nav	4276 8492 12942 17052.5 22398
	SPH	Gdynia	POL	cw	tfc	8482 8634 12721 16887.5 6398 and 12826.5 may also be used
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 16923.6
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	VCS	Halifax	CAN	ssb	wx	4410.1
	VIC	Carnarvon	AUS	cw	tfc	6407.5
	WOE	Lantana	USA	cw	tfc	6411.35
	XSZ	Dalian	CHN	cw	tfc	4305
	9VG	Singapore	SNG	ssb	tfc/nav	8728.2
<u>08.10</u>	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 winter

continuation

08.10	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	VIB	Brisbane	AUS	cw	tfc	4230.5
	VIO	Broome	AUS	cw	tfc	6407.5
	XSE	Qinhuangdao	CHN	cw	tfc	8484
	5RS	Taomasina	MDG	cw	wx	8734
	5RS	Taomasina	MDG	ssb	wx	8767
	5RS	Taomasina	MDG	cw	nav	8465
08.15	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 summer
	VCS	Halifax	CAN	ssb	wx	8787.1
08.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	VIC	Carnarvon	AUS	ssb	tfc/wx/nav	4428.7
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
08.20	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	8690
	9PA	Banana	ZAI	cw	nav	8714
08.25	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673 13062 17165.6 22396
	GKR	Wick	G	cw	tfc	6333.5 8469 12709
	OFI	Hanko	FNL	ssb	nav/ice	4422.5
	OFJ	Helsinki	FNL	cw	nav	4272
	UQB	Kholmisk	URS	cw	wx/ice	13029
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
08.30	ASK	Karachi	PAK	cw	wx/nav	13024
	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas Evan- gelistas	CHL	ssb	wx	6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C5G	Banjul	GMB	cw	tfc	8441
	C9L6	Mocambique	MOZ	cw	tfc	8698
	FFD	Saint Denis	REU	ssb	tfc	8790.2
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
	FF..	Saint Lys	F	cw	storm	4328 6421.5 8510 8550 12655.5 12678 16947.6 17040.8 22318.5
	FFP	Fort de France	MRT	cw	tfc/storm/nav	8675.2
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9 17242.2 17257.7
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	PKJ2	Tanjung Pinang	INS	cw	tfc	4295
	PKY5	Merauke	INS	cw	tfc	8457
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5

continuation

08.30	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIO	Broome	AUS	ssb	wx	4428.7
	WOM	Pennsuco	USA	ssb	tfc	4363.6 8722 13116.3 17232.9 22639.4
	WSL	Amagansett	USA	rtty	tfc	8705 13094.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950
						22452
	XVG	Haiphong	VTN	cw	tfc	4315
	XVT	Da Nang	VTN	cw	tfc	8570
	YKI	Tartous	SYR	cw	tfc	8472 12699
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	5ZF	Mombasa	KEN	cw	tfc	13065
	9HD	Malta	MLT	cw	tfc	8441.4
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5
						22428
08.33	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6
	VIB	Brisbane	AUS	ssb	tfc/wx/nav	4428.7
	VIE	Esperance	AUS	ssb	tfc/wx/nav	4428.7
08.35	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570
08.40	VIA	Adelaide	AUS	cw	tfc	4272.5
	WCC	Chatham	USA	rtty	tfc	6504.5 8715 13081.5 17207.5 22571.5
	XST	Qingdao	CHN	cw	tfc	8546
08.45	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
08.48	CFH	Halifax	CAN	rtty	wx	4271 6330
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VIA	Adelaide	AUS	ssb	tfc/wx/nav	4428.7
	VWB	Bombay	IND	cw	wx/storm	8630 12710
	VWC	Calcutta	IND	cw	wx	12745
08.50	EBD	Cartagena	E	cw	nav	4342
	FFT	Saint Lys	F	cw	wx/nav	8550 12655.5 16947.6
	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	S3D	Chittagong	BGD	cw	wx	8694 13056
	TYA	Cotonou	BEN	cw	tfc	6383
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3
						22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	4331 6376 8586 8630 12925.5
						13033.5 16972
08.55	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	OHG	Helsinki	FNL	ssb	tfc	4394.6 8805.7 13181.4 17347.6
						22605.3
09.00	A4M	Muscat	OMA	cw	tfc	16868
	CNP	Casablanca	MRC	cw	tfc	8686
	CUB	Madeira	MDR	tfc	cw	8461
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	4289
	C9L4	Beira	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	D3E	Luanda	AGL	cw	tfc	13023
	EBA	Madrid	E	cw	wx	6408.5
	FFT	Saint Lys	F	rtty	tfc/wx/nav	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5

continuation

09.00	HCG	Guayaquil	EQA	cw	tfc	8474
	HZG	Dammam	ARS	cw	tfc	16860.5 22338.2
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5 22571
	J2A	Djibouti	DJI	cw	wx	8682
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4357.4 8728.2 8784 13100.8 13187.6 17236
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5 13002 17016.5 17088.5 22479 22557
	LG..	Rogaland	NOR	rtty	blind tfc	4351 6498 8707 13097 17223 22587
	LPD	General Pacheco	ARG	cw	tfc	4268 8646 12988.5 17045.6
	LZL	Burgas	BUL	cw	tfc	8564
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 17270.1
	PCH	Scheveningen	HOL	cw	blind tfc	4250 8622 12799 16902 22324.5
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	cw	tfc	8626
	PKB20	Lhok Seumawe	INS	ssb	tfc	4425.6
	PKC	Palembang	INS	cw	tfc/nav	8437
	PKD	Surabaya	INS	ssb	nav	8796.4 13134.9
	PKE	Amboina	INS	cw	tfc/nav	8473
	PKM	Bitung	INS	cw	tfc/nav	8694
	PKN2	Balik Papan	INS	cw	tfc	6456.5
	PKR	Semarang	INS	cw	tfc	8461
	PKR6	Cilacap	INS	cw	tfc	6512.6
	PKZ2	Cirebon	INS	cw	tfc	6491.5 monday-saturday
	PNK	Jayapura	INS	cw	tfc/nav	12682.5 sunday
	PPJ	Juncao	B	cw	tfc	4251 8460 12689.5 16918
	PPL	Belem	B	cw	tfc	4265 8502 12979.5 17170
	PPO	Olinda	B	cw	tfc	4298 8520.1 12840 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc/wx/nav	6351.5 13042
	SAG	Göteborg	S	cw	tfc	8498 12880.5 17079.4 22413 25461 except 20-25 december
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	S7Q	Seychelles	SEY	cw	tfc	12660 not sunday
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 12736.5 (winter) 17021.6 (summer)
	TJC	Douala	CME	cw	tfc	8449
	TRP8	Gamba	GAB	cw	tfc	13070
	TUA	Abidjab	CTI	cw	tfc	8465
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc/wx/nav/ice	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFL	Vladivostok	URS	cw	wx/nav	6385 8595 12729 22350
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UJY	Kaliningrad	URS	cw	nav	8466 12973 17152 22403
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIM	Melbourne	AUS	cw	tfc	4228.5
	VIS	Sydney	AUS	cw	nav	4286 6428.5 8478 12907.5 16918.6 22485

continuation

09.00	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	VTG	Bombay Naval	IND	cw	wx/nav	4268 8634 12808.5 16440 22378
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4388.4 8762.3 13131.8 17245.3 22623.9
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	XYR	Rangoon	BRM	cw	wx	8441
	YIR	Basrah	IRQ	cw	tfc	8440 12660 22340
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	8443
	Y5P	Rügen	DDR	ssb	tfc	13103.9 summer 17319.7 winter
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3BM	Mauritius	MAU	cw	wx/nav	6351.5 12988.5 16978.4
	3VP	La Skhirra	TUN	cw	tfc	8534
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	8698
	7OA	Aden	YMS	cw	tfc	13060.5
	9HD	Malta	MLT	cw	tfc	12709.2
	9LL	Freetown	SRL	cw	tfc/nav	8710 monday-saturday
	9WW20	Kuching	MLA	ssb	nav	4371.1 or 8767.2
	9YL	North Post	TRD	cw	tfc/storm	8441
09.01	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
09.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	FJA	Mahina	OCE	cw	tfc	4298
	PPI	Ilheus	B	ssb	tfc	4366.7 8774.7
	PPL	Belem	B	ssb	tfc	4369.8 8784
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VII	Thursday Island	AUS	ssb	tfc	4228.7
	VIP	Perth	AUS	ssb	tfc/wx	4428.7
	ZSD	Durban	AFS	ssb	wx	4376 8740.6
09.05	HSA	Bangkok	THA	cw	tfc	6518.8 8759.2
	LPL	General Pacheco	ARG	ssb	tfc	4394.6
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	8740.6 13141.1 17338.3 22704.5
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	ZSD	Durban	AFS	cw	wx	4242.5 8576.5
	ZSD	Durban	AFS	ssb	wx	4376 8740.6
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
	9WW20	Kuching	MLA	ssb	tfc	4143.6 8294.2
09.06	XSG	Shanghai	CHN	cw	wx/storm	6454 8487 12954
09.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7 17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 summer
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435

continuation

09.10	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
	XVR4	Vung Tan	VTN	cw	tfc	4394.6
	YKM5	Baniyas	SYR	cw	tfc	12987
09.15	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 winter
	ZUD	Durban	AFS	rtty	wx/nav	13073 17208
09.18	EBA	Madrid	E	cw	nav	6388 8528.5 13059 17018
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	J2A	Djibouti	DJI	cw	nav	8682
	SVG	Athinai	GRC	cw	wx	8454
	VII	Thursday Island	AUS	cw	tfc/wx/nav	4228.5
	VIS	Sydney	AUS	cw	tfc/nav	4245 6464 8521 12952.5 12979.5
						17161.3 17194.4 22474 22495
	VIS	Sydney	AUS	cw	wx	8452
	VWC	Calcutta	IND	cw	wx/storm	12745
	9VG	Singapore	SNG	cw	nav	4322 6412
09.20	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.2
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	12655
09.30	AQP	Karachi Naval	PAK	cw	wx	6390 8490 13011 17093.6
	CCV	Valparaiso	CHL	cw	wx	4298
	CTH	Horta	AZR	cw	wx/nav	6334.5 12994
	CTH	Horta	AZR	rtty	wx/nav	12991
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4
						22476 25196
	DZS	Manila	PHL	ssb	wx/nav	8776.8
	DZZ	Manila	PHL	cw	wx	8576 12864
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	FFP	Fort de France	MRT	cw	tfc/storm	4263
	FFS	Saint Lys	F	cw	tfc	8510 12678 17040.8 22318.5
	FJP	Noumea	NCL	cw	tfc/wx	8698
	GKA	Portishead	G	cw	wx	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	IDQ	Rome Naval	I	cw	wx	6390.3 8486
	JOS	Nagasaki	J	cw	tfc	4328 6491.5 8437 13069.5 16933.2
						22396
	J2A	Djibouti	DJI	cw	tfc	12728
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8
						22515
	PKB	Belawan	INS	ssb	nav	8746.8
	PKP2	Telukbayur	INS	cw	tfc	6355
	PKY4	Sorong	INS	cw	tfc/nav	8461
	P2N	Paramaribo	SUR	cw	tfc	8652.5 13046 16956
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIT	Townsville	AUS	cw	tfc/wx/nav	4255.6
	VIX	Sydney	AUS	cw	wx	4286 6428.5 8478 12907.5 16918.6
						22485
	VWC	Calcutta	IND	cw	tfc	8526
	VWM	Madras	IND	cw	wx	8674.4
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc	4391.5 8731.3 13122.5 17257.7
						22642.5
	XFM	Manzanillo	MEX	cw	tfc	4355
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5

continuation

09.30	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	16950
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	ZLB	Awarua	NZL	cw	nav	8504 12740 17170.4 22533
	ZSC	Cape Town	AFS	cw	wx/nav	4291 8461 12724 17018 22455
	ZSC	Cape Town	AFS	ssb	nav	4143.6
	5AL	Tobruk	LBY	cw	tfc	16963
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	8437 16932 22543
	9LL	Freetown	SRL	cw	tfc	8710 sunday
	9MG	Pinang	MLA	cw	tfc	8698 12678
	9WW20	Kuching	MLA	cw	tfc	8522
09.33	FJA	Mahina	OCE	cw	tfc	8461
	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9 22710.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VID	Darwin	AUS	ssb	tfc	4428.7
	ZSV	Walvis Bay	NMB	ssb	wx/nav	4357.4 8718.9
	5BA	Cyprus	CYP	ssb	tfc	8737.5
09.35	LPD	General Pacheco	ARG	ssb	nav	4394.6
	XSF	Lianyungang	CHN	tfc	cw	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
09.40	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
	3DP	Suva	FJI	cw	tfc	8690
09.45	C9C	Maputo	MOZ	cw	wx	4358 6502 13042.5
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279 22614.6 25497
09.48	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VIB	Brisbane	AUS	cw	tfc/wx/nav	4230.5
	VIM	Melbourne	AUS	cw	tfc/wx/nav	4228.5
09.49	CFH	Halifax	CAN	rtty	wx	4271 6330
09.50	DZF	Bacoar	PHL	cw	tfc	17072
	EBC	Cadiz	E	cw	nav	6422
	VIS	Sydney	AUS	cw	tfc	8452 12979.5 17194.4 22495
10.00	AQP	Karachi Naval	PAK	cw	nav	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	13024.5
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3 22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZE	Mandaluyong	PHL	cw	wx	6423 8564 12864 17218
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	wx	4330 8660 12990 22323.5
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5
	DZP	Novaliches	PHL	cw	wx	6417 8556 12834 17112
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GXH	Thurso	G	cw	ice	12691
	HCG	Guayaquil	EQA	cw	tfc	8474
	HEB	Bern	SUI	cw	tfc/blind tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3 16960

continuation

10.00	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 12826.5
	JCX	Naha	J	cw	tfc	6470
	KGD58	Annette	ALS	ssb	wx	4125
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107 17239.1 22636.3
	LF/G.	Rogaland	NOR	cw	tfc	4241 6432 8574 12961 17074.5 22425
	LPC	Ushuaia	ARG	ssb	nav	4385.3
	LPM	Mar del Plata	ARG	ssb	tfc/wx/nav	4410.1 8749.9
	LPP43	Posadas	ARG	ssb	tfc	4363.6
	LPW	Bahia Blanca	ARG	ssb	tfc	8771.6
	NMN	Portsmouth	USA	ssb	wx	4428.7 6506.4 8765.4
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5 16920 17068.4 22404 22419 22459 25262
	PKA	Sabang	INS	cw	tfc	8473 monday-saturday
	PKB20	Lhok Seumawe	INS	cw	tfc	6456.5
	PKC	Palembang	INS	ssb	nav	8808.8
	PKI	Jakarta	INS	cw	tfc	16861.7
	PKM	Bitung	INS	cw	tfc/nav	12704.5
	PKN2	Balik Papan	INS	ssb	tfc	4425.6 6512.6
	PKN7	Bontang	INS	cw	tfc	6456.5
	PKR6	Cilacap	INS	cw	tfc	12980
	P2R	Rabaul	PNG	cw	tfc/wx/nav	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2 17254.6 17356.9 22602.2 22685.9
	SPE	Szczecin	POL	cw	tfc	8557 12939 16974 22505
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	17021.6
	TUA	Abidjan	CTI	cw	tfc	13060.5
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UJO5	Izmail	URS	cw	tfc	4474 6386.5
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	8514 12966 16935 22551
	VWM	Madras	IND	cw	tfc	8674.4 12718.5 16975
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4403.9 8740.6 13184.5 17291.8 22596
	XFL	Mazatlan	MEX	cw	tfc	4250
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	XVT	Da Nang	VTN	cw	tfc	8570
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	YQI	Constanta	ROU	cw	tfc	6473.5 8459 12757 17037 22448
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	22393



Barranquilla, 15 de Noviembre de 1978

Señor
MICHIEL SCHAAY
Sparrenlaan 42
3941 GM Doorn
Holanda.-

Apreciado señor:

Con toda atención me permito dar respuesta a su comunicación, donde nos pone de presente la escucha de nuestra Estación Marítima de Siape, en las frecuencias de 5/6 ON 6/9/12 MHZ.

En lo referente a muestras emisiones se estan aplicando los monitores correspondientes para que los operadores se ciñan a las normas que contemplan los tratados de Ginebra para estas emisiones.

Teniendo en cuenta su hobby favorito me permito enviar horario donde se anuncian, emiten listas de tráfico para las estaciones móviles (Barcos) que navegan en el Atlántico y Pacífico.

12.05 GMT 16.05 GMT 21.05 GMT y
01.05 GMT, las frecuencias son :

500 - 6.000 - 8.000 y 12.000 MHZ

Tenemos frecuencias de trabajo en HF (CW) de 4277 6463-8666 13087 y 17002 RHZ

Canales de VHF 16, 24, 25, 26, y 27, frecuencias intermedias MHF fonía 2182 trabajo de 2878 2918.

Transmisor # 1, de 500 para contacto y SOS, frecuencias de trabajo-434, 460 KHZ, transmisor # 2, de 500 frecuencias de trabajo 420 y 476.

En canales 5 y 6 por las noches nos puede escuchar en frecuencias de 500, 4000, 600 y 8000, opcional, 12.000 MHZ.

Nuestros equipos son modernos marca JRC Japan RADIO-CO

Por lo anterior espero buenos reportes.

Cordialmente,

ALVARO ARENAS PUELLO
Jefe Operación telegráfica Regional

continuation

10.00	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3VP	La Skhirra	TUN	cw	tfc	12806
	4PB	Colombo	CLN	cw	tfc	12927.3
	4XO	Haifa	ISR	ssb	tfc	13144.2
	5OW	Lagos	NIG	cw	tfc	13065.5
	6VA	Dakar	SEN	cw	wx	6383 8690
	8PO	Barbados	BRB	cw	tfc	8449.3
	9LL	Freetown	SRL	cw	tfc	13042.5
	9WW20	Kuching	MLA	cw	nav	8522
	S3E	Khulna	BGD	cw	tfc	8658 13024
10.03	EBA	Madrid	E	rtty	nav	6388 8528.5 13059 17018
	EHY	Pozuelo del Rey	E	ssb	tfc	6515.7 8728.2 8746.8 13128.7 13181.4 17322.8 17344.5
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPJ	Juncao	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	wx	4143.6
	PPO	Olinda	B	ssb	wx	4143.6
	PPR	Rio de Janeiro	B	ssb	wx	4143.6
	PPS	Santos	B	ssb	wx	4143.6
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
10.05	EQI	Abbas	IRN	cw	tfc	8469
	HKB	Barranquilla	CLM	cw	tfc	4277 6463.5 8700.4 12781.5 13087.5 17004
	LPL	General Pacheco	ARG	ssb	tfc	8759.2
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 16923.6 22396
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	WOE	Lantana	USA	cw	tfc	6411.35
	XSZ	Dalian	CHN	cw	tfc	4305
10.10	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 winter
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
10.15	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	FFP	Fort de France	MRT	ssb	tfc	4428.7
	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 summer
	VIB	Brisbane	AUS	ssb	tfc	4428.7
	VPS	Hong Kong	HKG	cw	collective call sign msgs	8619 13031
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
10.18	FJY4	St. Paul & Amsterdam	AMS	cw	wx	8690
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	VIA	Adelaide	AUS	cw	tfc/wx/nav	4272.5
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
	XVG	Haiphong	VTN	cw	nav	4315
	ZLD	Auckland	NZL	ssb	wx	4419.4
10.20	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075

<u>10.25</u>	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396
	GKR	Wick	G	cw	tfc	6333.5 8469 12709
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
<u>10.30</u>	CNP	Casablanca	MRC	cw	tfc	12695.5
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	DZO	Bulacan	PHL	cw	wx	8580 12875
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
	FJP	Noumea	NCL	cw	tfc	6330
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	blind tfc	4259 8601.5 13023.7 16863.3 22344.5
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9 17242.2 17257.7
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	NMC	San Francisco	USA	ssb	wx	4428.7 8765.4 13113.2
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	PKF	Makassar	INS	ssb	tfc/nav	8802.6
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UAH	Tallin	URS	cw	wx/ice	6405
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIT	Townsville	AUS	cw	tfc	4255.6
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588 summer
	WOM	Pennsuco	USA	ssb	tfc	4407 8746.8 13125.6 17260.8
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSX	Keelung	TAI	cw	wx	8445 12695 22459
	XVG	Haiphong	VTN	cw	tfc	12820
	XVG	Haiphong	VTN	ssb	tfc	4363.6
	ZRQ	Cape Naval	AFS	cw	wx	4222.2 8470.2 12692.2 16964.2
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5 22428
<u>10.33</u>	CFH	Halifax	CAN	rtty	wx	6330
	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2
	VIO	Broome	AUS	ssb	tfc	4428.7
	5TA	Nouadhibou	MTN	cw	nav	8572
<u>10.35</u>	EQK	Khoramshar	IRN	tfc	cw	8469
	PJC	Curacao	ATN	ssb	tfc	4379.1
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570
<u>10.40</u>	VFF	Frobisher Bay	CAN	ssb	wx	4376
	XST	Qingdao	CHN	cw	tfc	8546
<u>10.45</u>	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
	ZRH	Cape Naval	AFS	rtty	wx	4247.8 8605.8 12948.8 17005.8
<u>10.48</u>	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VID	Darwin	AUS	cw	wx/nav	4272.5
<u>10.50</u>	HSA	Bangkok	THA	cw	wx	8573.5 8686 12800
	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3 22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	13033.5 16972
	XSZ	Dalian	CHN	cw	wx	6333.5 8694
<u>11.00</u>	A4M	Muscat	OMA	cw	tfc	12675.5

上海船舶通信导航公司
SHANGHAI MARINE TELECOMMUNICATION & NAVIGATION-AIDS COMPANY

上海长阳路29号 电话452543 电报挂号6590

25 CHANG YANG ROAD SHANGHAI TEL: 452543 CABLE: SMATENCO.

Shanghai Marine Telecommunication
and Navigation-Aids Company
20^u Guang Dong Road 20
Shanghai
June 9th, 1981

Dear Sir,

Thanks for your letter which is very helpful to us. I am very glad to inform you that your reception on May 18th 1981 at 17.40 hours GMT is correct, and your records on a frequency of 8451 khz are the same as the log of Shanghai Coast Station completely.

I am a secretary of Shanghai Marine Telecommunication and Navigation-Aids Company to which Shanghai Coast Station belongs. Shanghai Coast Station is the biggest one in our country. I was a radio operator in it seven years ago. Now I am thirty-four years old and learning English at the part time college. I have received a lot of letters from West Germany friends, Japanese friends, and so on, who told me a lot about their hobby, life and their hometown. I have written and sent letters to them separately.

As a beginner, I am afraid my English is poor, so I have to learn from them and you. Please point any mistakes in the letter. I am interested to know DOORN where is a nice place. If possible, I want to have some photographs and introductions about DOORN.

Looking forward to your answer soon.

Yours sincerely

Wang XiangYun

Please return to:

Wang Xiang-yun

20 Guang Dong Road Shanghai

Shanghai Marine Telecommunication and Navigation-Aids Company

continuation

11.00	A9M	Bahrain	BHR	CW	tfc	4284 8454 12698
	CNP	Casablanca	MRC	CW	tfc	8686
	C6N	Nassau	BAH	CW	tfc	4220.5 6376 8441 12752
	C9L4	Beira	MOZ	CW	tfc	8698
	DZD	Antipolo	PHL	CW	wx	4286 6429 8572 12858 17144
	DXF	Davao	PHL	CW	tfc	8615 12900
	DZG	Manila	PHL	CW	tfc	6441 8588 12882 17176 22502
	DZH	Manila	PHL	CW	wx	6488 8648 12972
	DZJ	Bulacan	PHL	CW	tfc	6453 8604 12906 16870.5 22323.5
	D3E	Luanda	AGL	CW	tfc	13023
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	CW	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	CW	tfc	8474
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5 22571
	KLC	Galveston	USA	CW	tfc	4256 8666 13038 16871.3
	KPH	San Francisco	USA	CW	tfc	4247 6477.5 8618 8642 12808.5 13002 17016.5 22479 22557
	LPO	Puerto Deseado	ARG	ssb	tfc/wx	4379.1
	LPT	Puerto Santa Cruz	ARG	ssb	tfc/nav	8793.3
	LPZ	Trelew	ARG	ssb	wx/nav	4385.3
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 17270.1
	PJC	Curacao	ATN	CW	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB	Belawan	INS	CW	tfc/nav	8686
	PKB20	Lhok Seumawe	INS	ssb	tfc	6512.6
	PKD	Surabaya	INS	CW	tfc/nav	12704.5
	PKF	Makassar	INS	CW	tfc/nav	8686
	PKI	Jakarta	INS	CW	wx	8542
	PKM	Bitung	INS	CW	tfc/nav	6428.5
	PKN2	Balik Papan	INS	CW	tfc	6456.5
	PKN7	Bontang	INS	CW	tfc	12980
	PPR	Rio de Janeiro	B	CW	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	VW	tfc	6351.5 13042
	SAG	Göteborg	S	CW	tfc	8498 12880.5 17079.4 22413 25461 except 20-25 december
	STP	Port Sudan	SDN	CW	tfc	4226.5 8652
	S3D	Chittagong	BGD	CW	tfc	13056
	TAH	Istanbul	TUR	CW	tfc	17021.6 summer
	TJC	Douala	CME	CW	tfc	13069.5
	TUA	Abidjan	CTI	CW	tfc	16947.8
	UAH	Tallin	URS	CW	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	CW	tfc	4271 6370 13000
	UBN	Jdanov	URS	CW	tfc	8620 12732
	UDB	Leningrad	URS	CW	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	CW	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	CW	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossisk	URS	CW	tfc	4245 13040 16890.5
	UHK	Batumi	URS	CW	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	CW	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	CW	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	CW	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	CW	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	CW	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	CW	tfc/wx/nav	6493
	VIM	Melbourne	AUS	CW	tfc	4228.5
	VPS	Hong Kong	HKG	CW	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	CW	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320

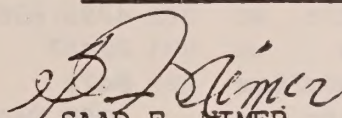
continuation

11.00	WOO	Ocean Gate	USA	ssb	tfc	4422.5 8749.9 13107 17310.4 22704.5
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSW	Kaohsiung	TAI	cw	wx	8582
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	YIR	Basrah	IRQ	cw	tfc	8440 12660 22340
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5P	Rügen	DDR	ssb	tfc	17319.7 summer
	3AC	Monaco	MCO	ssb	tfc	8728.2
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	13065.5
	7OA	Aden	YMS	cw	tfc	8441.4
	9LL	Freetown	SRL	cw	tfc	13042.5 monday-saturday
11.01	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
11.02	WMI	Lorain	USA	ssb	wx/storm	4382.2
11.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIA	Adelaide	AUS	ssb	tfc	4428.7
	VIT	Townsville	AUS	ssb	tfc	4428.7
11.05	LPD	General Pacheco	ARG	ssb	nav	13159.7
	LPL	General Pacheco	ARG	ssb	tfc	4394.6
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	8740.6 13141.1 17338.3 22704.5
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
11.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7 17260.8
						22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1
						summer
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067
						17017.1 17187 22351.5 22533 25135
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
11.12	WLC	Rogers City	USA	ssb	wx/storm	4369.8
11.15	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 winter
11.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	VIE	Esperance	AUS	cw	wx	4323.6
11.20	JNA	Tokyo	J	cw	nav	4276 8492 12942 17052.5 22398
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	12655
11.30	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas				
		Evangelistas	CHL	ssb	wx	6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395

Line	Code	City	Country	Mode	Service	Frequency	Power	Altitude	Latitude	Longitude	Remarks
11.30	CNP	Casablanca	MRC	CW	tfc	17170.4					
	DAM	Norddeich	D	CW	tfc	4265	6475.5	8638.5	12763.5	16980.4	
						22476	25196				
	D4A	Sao Vicente	CPV	CW	tfc	8469					
	ETC	Assab	ETH	CW	tfc	6340.5					
	FFS	Saint Lys	F	CW	tfc	8510	12678	17040.8	22318.5		
	GKA	Portishead	G	CW	wx/storm	4286	6368.9	8545.9	12822	17098.4	
						22467					
	HCG	Guayaquil	EQA	CW	tfc	12711	16948				
	HLP	Pusan	KOR	CW	tfc	4235					
	JOS	Nagasaki	J	CW	tfc	4328	6491.5	8437	13069.5		
	KFS	San Francisco	USA	CW	tfc	4228	6348	8444.5	12695.5	17184.8	
						22515					
	KLC	Galveston	USA	CW	wx	4256	6369	8666	13038	16871.3	
	LPC	Ushuaia	ARG	ssb	wx	4385.3					
	LPG	Rio Gallegos	ARG	ssb	tfc/wx/nav	4400.8					
	LPW	Bahia Blanca	ARG	ssb	nav	4372.9					
	NMN	Portsmouth	USA	ssb	wx	6506.4	8765.4	13113.2			
	PKC	Palembang	INS	CW	tfc/nav	8437					
	PKI	Jakarta	INS	CW	tfc	8542					
	TNA	Pointe Noire	COG	CW	tfc	8453	12682.5				
	UKK3	Nakhodka	URS	CW	tfc	6439	8510	12990	17060		
	VIC	Carnarvon	AUS	CW	tfc/wx/nav	4323					
	VWC	Calcutta	IND	CW	tfc	8526					
	WLO	Mobile	USA	rtty	tfc/wx	4352	8707	13083.5	17199.5	22588	winter
	WMH	Baltimore	USA	CW	tfc	8610	12952.9	17093.6			
	WOM	Pennsuco	USA	ssb	tfc	4425.6	8793.3	13144.2	17263.9		
	XFM	Manzanillo	MEX	CW	tfc	4355					
	XSG	Shanghai	CHN	CW	tfc	4319	8451	8502	8665	12856	12871.5
						16916.5	17103.2	22312.5			
	XSQ	Guangzhou	CHN	CW	tfc	4340	8490	8514	12700	16884.5	16950
						22452					
	XSW	Kaohsiung	TAI	CW	tfc	8582	12727.5				
	XSY	Hualien	TAI	CW	wx	8546					
	XVG	Haiphong	VTN	CW	tfc	4315					
	YJM	Port Vila	VUT	ssb	tfc	4385.3	6215.5				
	Y5M	Rügen	DDR	CW	blind tfc	8443					
	5AT	Tripoli	LBY	CW	tfc	8515					
	7TA	Alger	ALG	CW	tfc	12662	16932	22543			
	9MG	Pinang	MLA	CW	tfc	8698	12678				
	PPN	Natal	B	ssb	tfc	4382.2	8808.8				
11.33	PPV	Vitoria	B	ssb	tfc	4382.2	8802.6				
	VCS	Halifax	CAN	ssb	tfc	4410.1	6518.8	8787.1	13138	17242.2	
	VIM	Melbourne	AUS	ssb	tfc/nav	4428.7	april-september				
	5BA	Cyprus	CYP	ssb	tfc	8737.5					
11.35	EQK	Khoramshar	IRN	CW	tfc	8469					
	XSF	Lianyungang	CHN	CW	tfc	4326	8622				
	9KK	Kuwait	KWT	CW	tfc	8525	12895				
11.40	CBF29	Punta Tortuga	CHL	ssb	wx	6395					
	VFF	Frobisher Bay	CAN	ssb	tfc	4376					

Q S L
ARABIAN AMERICAN OIL COMPANY
COMMUNICATIONS/RADIO AND MARINE OPERATIONS
HZY RADIO
DHAHRAN, SAUDI ARABIA

ACKNOWLEDGED RECEIPT OF YOUR LETTER/CARD REF. NO. _____
DATED APRIL, 2, 1982 STATION NAME AND CALL SIGN RASTANURA RADIO (HZ)
FREQUENCY 8480 KHZ, POWER OUTPUT 1 KW, TYPE OF AERIAL
HF - BROADBAND MOD OF EMISSION CW A1 VOICE ETC
AERIAL DIRECTION OMNI DIRECTION COMMUNICATIONS WITH VESSELS
FOR RAST.


SAAD F. NIMER

SUPERVISOR
RADIO AND MARINE OPERATIONS.
COMMUNICATIONS DEPARTMENT
BUILDING 840. BOX-96.
ARAMCO. DHAHRAN, SAUDI ARABIA.

شركة الزيت العربية الأمريكية
الرياض - المملكة العربية السعودية
ARABIAN AMERICAN OIL COMPANY
DHAHRAN, SAUDI ARABIA



MR. MICHEIL SCHAAV
SPARRENLAAN 42
3941 GM DOORN
HOLLAND

11.55	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CT..	Monsanto	POR	cw	wx	4236 8527 13003 17057.2
	CT..	Monsanto	POR	rtty	wx	8524 13000 17054.2
12.00	AQP	Karachi Naval	PAK	cw	tfc	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	13024.5
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CFH	Halifax	CAN	rtty	wc	6330
	CNP	Casablanca	MRC	cw	tfc	8686
	CUG	Sao Miguel	AZR	cw	tfc	8461
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3 22312.5
	C5G	Banjul	GMB	cw	tfc	13042.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	C9L4	Beira	MOZ	cw	tfc	4289
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	EAD	Aranjuez	E	cw	tfc	6382.22 8682 13065 17184.8 22446
	FFT	Saint Lys	F	cw	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc/nav	8474
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5
						22412
	HZG	Dammam	ARS	cw	tfc	12658.2 16860.8
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6
						8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	IAR	Rome	I	cw	tfc	4292 6409.5 8530 13011 17160.8 22372.5
	JCS	Choshi	J	cw	tfc	4349 6467 8653.6 12826.5
	JCX	Naha	J	cw	tfc	6470
	J2A	Djibouti	DJI	cw	tfc	12728
	KMI	Dixon	USA	ssb	tfc	4357.4 8728.2 8784 13100.8 13187.6
						17236
	LF/G.	Rogaland	NOR	cw	tfc	4241 6432 8574 12961 17074.4 22425
	L..	Rogaland	NOR	ssb	tfc	13162.8 17294.9
	LPA	Rio Grande	ARG	ssb	tfc/nav	4407
	LPB	Corrientes	ARG	ssb	tfc	4428.7
	LPC	Ushuaia	ARG	ssb	wx	4407
	LPD	General Pacheco	ARG	cw	tfc	8646 17045.6 22419
	LPM	Mar del Plata	ARG	ssb	tfc	4410.1
	LPX	Comodoro				
		Rivadavia	ARG	ssb	wx/nav	4376
	LPY	Puerto S. Julian	ARG	ssb	wx/nav	4360.5
	LZL	Burgas	BUL	cw	tfc	8564
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 13119.4
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5
						16920 17068.4 22404 22419 22459 25262
	PKB20	Lhok Seumawe	INS	cw	tfc	8626
	PKF	Makassar	INS	cw	tfc	12682.5
	PKR6	Cilacap	INS	cw	tfc	8759.2
	PKS	Pontianak	INS	cw	tfc	6355 monday-saturday
	PZN	Paramaribo	SUR	cw	tfc	8652.5 13046 16956
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2
						17254.6 17356.9 22602.2 22685.9
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652

continuation

12.00	SVA	Athinai	GRC	cw	tfc	4343 6478.75 8687 13047 17094.8 22417 25401
	S3D	Chittagong	BGD	cw	tfc	13056
	S7Q	Seychelles	SEY	cw	tfc	8445 not sunday
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 17021.6
	TUA	Abidjan	CTI	cw	tfc	13060.5
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UJO5	Izmail	URS	cw	tfc	4474 6386.5
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VIP	Perth	AUS	cw	tfc/wx/nav	8597 12994 16947.6 22315.5
	VWB	Bombay	IND	cw	tfc	8514 12966 16935 22551
	VWM	Madras	IND	cw	tfc	8674.4 12718.5 16975
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc/wx	4385.3 8796.4 13128.7 17325.9 22608.4
	XSG	Shanghai	CHN	cw	storm	4290 8487 12954
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	XVT	Da Nang	VTN	cw	tfc	8570
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YUR	Rijeka	YUG	ssb	tfc	8746.8 17263.9 22713.8
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	22393
	Y5P	Rügen	DDR	ssb	tfc	13103.9 winter
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3XC	Conakry	GUI	cw	tfc	6383
	4PB	Colombo	CLN	cw	tfc	12927.3
	4WD	Al Hundaydah	YEM	cw	tfc	8588
	5OW	Lagos	NIG	cw	tfc	22310.5
	8PO	Barbados	BRB	cw	tfc	8449.3
	9HD	Malta	MLT	cw	tfc	8441.4
	9LL	Freetown	SRL	cw	tfc	8710 not sunday
	9YL	North Post	TRD	cw	tfc/storm	17184.8
12.01	S3E	Khulna	BGD	cw	tfc	8658 13024
12.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPI	Ilheus	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	wx	4143.6
	PPO	Olinda	B	ssb	wx	4143.6
	PPR	Rio de Janeiro	B	ssb	wx	4143.6
	PPS	Santos	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	tfc	4369.8 8784
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc	4428.7

12.05	CCV	Valparaiso	CHL	cw	nav	4298 8558 12960
	EQI	Abbas	IRN	cw	tfc	8469 13069.5
	EQZ	Abadan	IRN	cw	tfc	8471
	HKB	Barranquilla	CLM	cw	tfc	4277 6463.5 8700.4 12781.5 13087.5 17004
	JNA	Tokyo	J	cw	nav	4276 8492 12942 17052.5 22398
	LFL	Rogaland	NOR	cw	wx	8749.9 13184.5
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 16923.6 22396
	SPH	Gdynia	POL	cw	tfc	8482 8634 12721 16887
	SVN	Athinai	GRC	ssb	tfc	6398 and 12826.5 may also be used 4428,7 8795.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	WOE	Lantana	USA	cw	tfc	6411.35 12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
	9VG	Singapore	SNG	ssb	tfc	8728.2
12.10	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 winter
	LSO	Buenos Aires	ARG	cw	nav	4304 8447 12728
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	VIB	Brisbane	AUS	cw	tfc	4230.5
	XSE	Qinhuangdao	CHN	cw	tfc	8484
	YKM5	Baniyas	SYR	cw	tfc	8667
12.15	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 summer
	LFL	Rogaland	NOR	cw	wx	8749.9 13184.5
	SVN	Athinai	GRC	ssb	wx	8759.2
	S7Q	Seychelles	SEY	ssb	tfc	8771.6
	VTG	Bombay Naval	IND	cw	nav	4268 6467 8634 12808.5 16938 22378 sunday
	VTP	Vishakhapatnam	IND	cw	nav	4238 6418 8646 12840 only when VTG Bombay is off the air
12.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	J2A	Djibouti	DJI	cw	nav	8682
	NIK	Boston	USA	rtty	nav	8502 12750
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
	XVG	Haiphong	VTN	cw	wx	8470
	6YI	Kongston	JMC	xw	tfc	13065
12.20	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.2
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 summer
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	16947.6
	9PA	Banana	ZAI	cw	nav	8714
12.25	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396
	GKR	Wick	G	cw	tfc	6333.5 8469 12709
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
12.30	CCP	Puerto Montt	CHL	cw	wx	6405
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698

continuation

12.30	DZS	Manila	PHL	ssb	wx/nav	8776.8
	FFD	Saint Denis	REU	ssb	tfc	8790.2
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
	GXH	Thurso	G	cw	ice	12691
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	JBO	Tokyo	J	ssb	tfc	8746.8 8753 13119.4 13134.9
						17242.2 17257.7
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPC	Ushuaia	ARG	cw	nav	4225
	LPC	Ushuaia	ARG	ssb	nav	4385.3 8753
	LPD	General Pacheco	ARG	cw	nav	4262
	LPW	Bahia Blanca	ARG	ssb	tfc	4372.9
	NIK	Boston	USA	cw	nav	8502
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	PKC	Palembang	INS	cw	tfc	6491.5
	PKS	Pontianak	INS	cw	tfc	not sunday
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKA	Vladivostok	URS	cw	wx/ice	4241 6430 12870
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VCS	Halifax	CAN	rtty	wx/nav	8716.5
	VIO	Broome	AUS	tfc/wx/nav		4323.6
	WOM	Pennsuco	USA	ssb	tfc/wx	4363.6 8722 13116.3 17232.9 22639.4
	WSL	Amagansett	USA	rtty	tfc	13094.5 17197.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 12700 16884.5 16950 22452
	XSQ	Guangzhou	CHN	cw	wx/nav	6390 8514 12877
	XVG	Haiphong	VTN	cw	tfc	16950
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5
						22428
12.33	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9
						22710.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
	5TA	Nouadhibou	MTN	cw	nav	8572
	5ZF	Mombasa	KEN	ssb	tfc	8784
12.35	EQK	Khoramshar	IRN	cw	tfc	8469
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6
						22431
12.40	IAR	Rome	I	cw	wx	4292 4320
	VIA	Adelaide	AUS	cw	tfc	4272.5
	WCC	Chatham	USA	rtty	tfc	6504.5 8715 13081.5 17207.5 22571.5
	XST	Qingdao	CHN	cw	tfc	8546
12.45	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4
						22614.6 25497
12.48	EBA	Madrid	E	cw	nav	6388 8528.5 13059 17018
	VWB	Bombay	IND	cw	storm	8630 12710 only if tropical storm
	5ZF	Mombasa	KEN	cw	tfc	17175.2
12.50	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	S3D	Chittagong	BGD	cw	storm	8694 13056 only if cyclonic storm
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3
						22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	8586 8630 12925.5 13033.5 16933.2
						16972 22518
	8PO	Barbados	BRB	ssb	tfc/storm	8765.4 13138
12.55	OHG	Helsinki	FNL	ssb	tfc	4394.6 8805.7 13181.4 17347.6
						22605.3
	8RB	Demerara	GUB	cw	tfc	12709



POST OFFICE

Please address any reply to
The Officer-in-Charge
and quote:
Your reference:

Post Office Radio Station

HIGHBRIDGE

Somerset

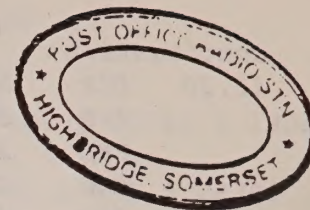
TA9 3JY

Telephone:

Burnham-on-Sea 783291

(STD code 0278)

Telex: 46111 (PORTISHEAD RADIO)



5.5.1978

Mr Michiel Schaay,
Sparrenlaan 42,
3941 GM Doorn,
Netherlands.

Dear Mr Schaay,

Thank you for your letter in connection with your reception of one of our radio-telephony transmitters on 26.4.78. I have completed your QSL-card confirming that the transmitter you heard was our main channel 22 MHz (there are three others on 22 MHz) which is GKT76 on a frequency of 22611.5 kHz. The mode used is normally SSB A3A and the transmitter power is 30 kW. The aerial (antenna) is a stacked-quadrant.

As you know, this station is situated at Highbridge in Somerset, but all of our transmitters are remote from the receiving/controlling station. Those used for telephony are at Rugby in Warwickshire - that is where GKT76 is sited - while those used for telegraphy and TOR (radio-teleprinter) are situated at Leafield (Oxfordshire) and at Ongar (Essex). At one time all transmitters were at Portishead (Somerset), which is the reason for our operational name Portisheadradio; that site is now closed, but we retain the original name.

I have to point out that official policy is not to reply to requests from radio amateurs and DX-listeners for reception confirmations. This is a policy which may seem discourteous but we have found from experience that, if we reply, these requests grow in number until we are spending far too much time in making these replies. I am making an exception in your case since you would obviously have been disappointed to receive no answer to your letter.

With best wishes,

(K W P Williams)
(K W P Williams, Rdo Opr.)

13.00	A4M	Muscat	OMA	cw	tfc	8445
	CFH	Halifax	CAN	cw	storm	6430 8697 12726
	CNP	Casablanca	MRC	cw	tfc	8686
	CUG	Sao Miguel	AZR	cw	tfc	12943.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	4289
	C9L4	Beira	MOZ	cw	tfc	8698
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	D3E	Luanda	AGL	cw	tfc	13023
	FFP	Fort de France	MRT	cw	wx	4263 8675.2
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474
	HIA	Santo Domingo	DOM	cw	tfc	8642 13087.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5
						22571
	J2A	Djibouti	DJI	cw	tfc	8682
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107
						17239.1 22636.3
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5
						13002 17016.5 17088.5 22479 22557
	LPT	Puerto Santa Cruz	ARG	ssb	tfc/wx/nav	4428.7
	LPX	Comodoro Rivadavia	ARG	ssb	tfc	8728.2
	LZL	Burgas	BUL	cw	tfc	8564
	NMO	Honolulu	HWA	cw	wx	16457.5 22472
	NRV	Apra Harbour	GUM	cw	wx	12743 17146
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 17270.1
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB	Belawan	INS	cw	tfc/nav	8686
	PKB20	Lhok Seumawe	INS	ssb	tfc	8759.2
	PKC2	Plaju	INS	cw	tfc	8626
	PKM	Bitung	INS	cw	tfc/nav	8694
	PKN2	Balik Papan	INS	ssb	tfc	4425.6
	PKN7	Bontang	INS	cw	tfc	6456.5
	PKP	Dumai	INS	cw	tfc/nav	8457
	PPJ	Juncao	B	cw	tfc	4251 8460 12689.5 16918
	PPL	Belem	B	cw	tfc	4265 8502 12979.5 17170
	PPO	Olinda	B	cw	tfc	4298 8520.1 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	8498 12880.5 17079.4 22413 25461
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 17021.6
	TJC	Douala	CME	cw	tfc	8449
	TRP8	Gamba	GAB	cw	tfc	6510
	TUA	Abidjan	CTI	cw	tfc	8465
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.6 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5

continuation

13.00	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIS	Sydney	AUS	cw	nav	4286 6428.5 8478 12907.5
						16918.6 22485
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc/wx	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc/wx	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc/wx	4388.4 8762.3 13131.8 17245.3
						22623.9
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc/ice	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	XVT	Da Nang	VTN	cw	tfc	8570
	XYR	Rangoon	BRM	cw	storm	8441
	YIR	Basrah	IRQ	cw	tfc	6330 8440 16880
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	12681.5
	Y5P	Rügen	DDR	ssb	tfc	8722
	3AC	Monaco	MCO	ssb	wx	4363.6 8743.7 13172.1 17251.5
						22651.8
	3AC	Monaco	MCO	ssb	tfc/nav	8728.2
	4PB	Colombo	CLN	cw	tfc	12927.3
	4XO	Haifa	ISR	ssb	tfc	17282.5
	4WD	Al Hudaydah	YEM	cw	tfc	8588
	5OW	Lagos	NIG	cw	tfc	16861.5
	7OA	Aden	YMS	cw	tfc	13060.5
	9HD	Malta	MLT	cw	tfc	12709.2
	9LL	Freetown	SRL	cw	tfc	6411 monday-saturday
	9WW20	Kuching	MLA	ssb	nav	4371.1 or 8767.2
	9YL	North Post	TRD	cw	tfc/storm	8441
<u>13.01</u>	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
<u>13.03</u>	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VII	Thursday Island	ALS	ssb	tfc	4428.7
	5ZF	Mombasa	KEN	ssb	tfc	4397.7
<u>13.05</u>	CCV	Valparaiso	CHL	cw	wx	4298
	HSA	Bangkok	THA	cw	tfc	6518.8 8759.2
	LPD	General Pacheco	ARG	ssb	nav	8759.2
	LPL	General Pacheco	ARG	ssb	tfc	4394.6 8759.2 17232.9 22605.3
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	TFA	Reykjavik	ISL	cw	tfc	4289
	OXZ	Lyngby	DNK	ssb	tfc	8740.6 13141.1 17338.3 22704.5
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.1 22608.4
	PJC	Curacao	ATN	ssb	tfc	8725.1
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	ZSD	Durban	AFS	cw	wx	4242.5

continuation

13.05	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
	9WW20	Kuching	MLA	ssb	tfc	4143.6 8294.2
<u>13.10</u>	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7
						17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4
						22599.1 summer
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5 22533
						25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	XSM	Xiamen	CHN	cw	tfc	4314 8453
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XVR4	Vung Tan	VTN	cw	tfc	4394.6
	YKM5	Baniyas	SYR	cw	tfc	16967
<u>13.15</u>	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 winter
<u>13.18</u>	C5G	Banjul	GMB	cw	tfc	13042.5
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	VPS/VRN	Hong Kong	HKG	cw	wx/storm	8539 8619 13020.4 13031 17096
	6YI	Kingston	JMC	cw	tfc	8465
	9LL	Freetown	SRL	cw	nav	6411
	9VG	Singapore	SNG	cw	nav	4322 6412
<u>13.20</u>	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4
						winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	12655
	8PO	Barbados	BRB	cw	tfc	12709
	9VG	Singapore	SNG	cw	wx	4322 6412
<u>13.25</u>	FFD	Saint Denis	REU	cw	tfc	8468.5
	OFI	Hanko	FNL	ssb	ice	4422.5
<u>13.30</u>	AQP	Karachi Naval	PAK	cw	storm	6390 8490 13011 17093.6
	CCM	Magallanes	CHL	ssb	wx	4390 8773
	CCV6	Belloto	CHL	cw	wx	4298 8558 12960
	CFH	Halifax	CAN	cw	ice	6430 8697 12726
	C6N	Nassau	BAH	cw	wx	6376 8441
	DAM	Nordeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4
						22476 25196
	DZR	Bulacan	PHL	cw	wx/nav	6446 8568 12852 17136
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	FFP	Fort de France	MRT	cw	tfc/storm	8675.2
	FFS	Saint Lys	F	cw	tfc	8510 12678 17040.8 22318.5
	GKA	Portishead	G	cw	nav/storm	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	4328 6491.5 8437 13069.5
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8
						22515
	LPD	General Pacheco	ARG	cw	wx	4262
	NMO	Honolulu	HWA	rtty	wx	8718 13084.5 22574.5
	NRV	Apra Harbour	GUM	ssb	wx	6506.4
	PWZ	Rio de Janeiro				
		Naval	B	cw	nav	4289 6435 8550 12795 17160 22530
	TFA	Reykjavik	ISL	cw	tfc	4289 6344 8690 13069.5 16909.7
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIX	Sydney	AUS	cw	wx	4286 6428.5 8478 12907.5 16918.6
						22485
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6

TELECOMMUNICATION AUTHORITY OF SINGAPORE

TELECOM HEADQUARTERS
Telephone House
15/33, Hill Street
Singapore 6
REPUBLIC OF SINGAPORE



Telephone: 328071
Telex: RS 21246
Telegraphic Address: Telecom Singapore

REGULATORY AFFAIRS
(LICENSING)
31ST FLOOR INTERNATIONAL
PLAZA ANSON ROAD (2)

GLI/L3/04/06C

29th September 1978

Mr Michiel Schaay
Sparrenlaan 42
3941 GM Deern
Netherlands

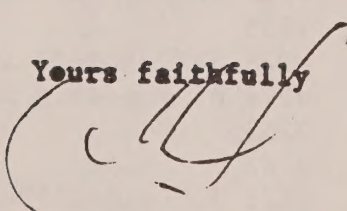
Dear Sir

Thank you for your report regarding the transmission
on frequency 17197.5 KHz.

Details of the transmission are as follows :-

Type of Service	- Maritime Telex
Frequency	- 17197.5 KHz
Call Sign	- 9VG 78
Type of Emission	- A1/F1
Type of Transmitter	- AWA CLH - 10
RF Power	- 10 KW
Type of Aerial	- Cone
Direction	- Omni - direction
Schedule	- 0000 - 1330 GMT

Yours faithfully


TAN YEE SENG
for DIVISIONAL MANAGER
(REGULATORY AFFAIRS)

13.30	WMI	Lorain	USA	ssb	wx	4382.2				
	WOM	Pennsuco	USA	ssb	tfc/wx	4391.5	8731.3	13122.5	17257.7	
						22642.5				
	XFM	Manzanillo	MEX	cw	tfc	8568.5				
	XSG	Shanghai	CHN	cw	tfc	4319	8451	8502	8665	12856 12871.5
						16916.5	17103.2	22312.5		
	XSQ	Guangzhou	CHN	cw	tfc	4340	8490	8514	12700	16884.5
						16950	22452			
	XSW	Kaohsiung	TAI	cw	tfc	8582	12727.5			
	XVG	Haiphong	VTN	cw	tfc	12820				
	XVG	Haiphong	VTN	ssb	tfc	4363.6				
	YIR	Basrah	IRQ	cw	wx	8668				
	YJM	Port Vila	VUT	ssb	tfc	4385.3	6215.5			
	YKI	Tartous	SYR	cw	tfc	8472	12699			
	ZLB	Awarua	NZL	cw	nav	8504	12740	17170.4	22533	
	3BM	Mauritius	MAU	cw	wx	6351.5	12988.5			
	4PB	Colombo	CLN	cw	wx/nav	8473				
	5AL	Tobruk	LBY	cw	tfc	16963				
	5AT	Tripoli	LBY	cw	tfc	8515				
	7TA	Alger	ALG	cw	tfc	12662	16932	22543		
	9LL	Freetown	SRL	cw	tfc	6411	sunday			
	9MG	Pinang	MLA	cw	tfc	8698	12678			
	9WW20	Kuching	MLA	cw	tfc	8522				
	9YL	North Post	TRD	cw	tfc/storm	12885				
13.33	FJA	Mahina	OCE	cw	tfc	8461				
	PPF	Fortaleza	B	ssb	tfc	4403.9	8802.6			
	PPM	Manaus	B	ssb	tfc	4403.9	8808.8			
	PPS	Santos	B	ssb	tfc	4403.9	8790.2			
	VCS	Halifax	CAN	ssb	tfc	4410.1	6518.8	8787.1	13138	17242.2
	VID	Darwin	AUS	ssb	tfc	4428.7				
	5BA	Cyprus	CYP	ssb	tfc	8737.5				
13.35	PJC	Curacao	ATN	ssb	tfc	13119.4				
	XSF	Lianyungang	CHN	cw	tfc	4326	8622			
	9KK	Kuwait	KWT	cw	tfc	8525	12895			
13.40	CFH	Halifax	CAN	rtty	wx	6330				
	VFF	Frobisher Bay	CAN	ssb	tfc/wx	4376				
	XSN	Ningbo	CHN	cw	tfc	4222	8582			
13.45	DAJ	Norddeich	D	ssb	tfc	4307.7	6506.4	8768.5	13172.1	
						17279.4	22614.6	25497		
	9VG	Singapore	SNG	ssb	wx/nav	4369.8				
13.50	DZF	Bacoar	PHL	cw	tfc	17072				
	TYA	Cotonou	BEN	cw	tfc	6383				
	WSL	Amagansett	USA	cw	tfc	8514	8658	12660	13024	16997.6
						17021.6	22487			
14.00	AQP	Karachi Naval	PAK	cw	nav	6390	8490	13011	17093.6	
	ASK	Karachi	PAK	cw	tfc	13024.5				
	CBV	Valparaiso	CHL	cw	tfc	4349	8478	12714	16956	22469
	CCM	Magallanes	CHL	cw	wx	4256	8510	12510		
	CFH	Halifax	CAN	rtty	wx	6330				
	CNP	Casablanca	MRC	cw	tfc	8686				
	CUL	Lisbon	POR	ssb	tfc	13107				
	CWA	Cerrito	URG	cw	tfc/nav/wx	4346	6435.5	8602	12750	16871.3
						22312.5				
	C6N	Nassau	BAH	cw	tfc	4220.5	6376	8441	12752	
	C9L2	Maputo	MOZ	cw	tfc	8698				
	DXF	Davao	PHL	cw	tfc	8615				

continuation

14.00	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5
						22412
	HZG	Dammam	ARS	cw	tfc	4253.5 6364.5
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6
						8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	JCS	Choshi	J	cw	tfc	4349 12826.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	J2A	Djibouti	DJI	cw	tfc	8682
	LF./G.	Rogaland	NOR	cw	tfc	4241 6432 8574 12961 17074.4 22425
	LPD	General Pacheco	ARG	cw	tfc	8646 17045.6 22419
	LPM	Mar del Plata	ARG	ssb	tfc/wx/nav	4410.1 8749.9
	LPY	Puerto San				
		Julian	ARG	ssb	tfc	8746.8
	LPZ	Trelew	ARG	ssb	tfc/wx/nav	4385.3
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3
	PKB	Belawan	INS	cw	tfc/nav	16861.7
	PKB20	Lhok Seumawe	INS	cw	tfc	12980
	PKM	Bitung	INS	cw	nav	12704.5
	PKN2	Balik Papan	INS	ssb	tfc	6512.6
	PKR6	Cilacap	INS	cw	tfc	6456.5
	PPO	Olinda	B	cw	nav	4298 8520.1 12840
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2
						17254.6 17356.9 22602.2 22685.9
	SPE	Szczecin	POL	cw	tfc	8557 12939 16974 22505
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 17021.6
	TUA	Abidjan	CTI	cw	tfc	13060.5
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.2 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholm'sk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VFF	Frobisher Bay	CAN	cw	wx/nav	6493
	VWB	Bombay	IND	cw	tfc	8514 12966 16935 22551
	VWC	Calcutta	IND	cw	tfc	12745.5
	VWM	Madras	IND	cw	tfc	4301 8674.4 16975
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc/wx	4403.9 8740.6 13184.5 17291.8
						22596
	XFP	Chetumal	MEX	cw	tfc	8595.5
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	YKM7	Lattakia	SYR	cw	tfc	8625
	YQI	Constanta	ROU	cw	tfc	6473.5 8459 12757 17037 22448

continuation

14.00	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5P	Rügen	DDR	ssb	tfc	17319.7 winter
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4
						22533
	3AC	Monaco	MCO	ssb	tfc	8728:2
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	16861.5
	9WW20	Kuching	MLA	cw	nav	8522
14.01	S3E	Khulna	BGD	cw	tfc	8658 13024
14.03	CWF	Punta Carretas	URG	ssb	wx/nav	4390.2
	EHY	Pozuelo del Rey	E	ssb	tfc	6515.7 8728.2 8746.8 13128.7
						13181.4 17322.8 17344.5
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
14.05	EQI	Abbas	IRN	cw	tfc	8469
	EQZ	Abadan	IRN	cw	tfc	8471
	HSA	Bangkok	THA	cw	tfc	4357.4
	LPL	General Pacheco	ARG	ssb	tfc	13159.7
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 16923.6 22396
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8
						22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	WOE	Lantana	USA	cw	tfc	12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
14.10	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4
						22599.1 winter
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5
						22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	tfc	ssb	4385.3 6518.8 8737.5 13119.4
						17254.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
14.15	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	MEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1
	VIB	Brisbane	AUS	ssb	tfc	4428.7
	VPS	Hong Kong	HKG	cw	collective call-sign msgs	8619
14.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	TIM	Limon	CTR	cw	tfc	4297 6380 8478 13100
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917
						22318.5
	XVG	Haiphong	VTN	cw	nav	4315
	VWC	Calcutta	IND	cw	wx	8526
14.20	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	WPD	Tampa	USA	cw	tfc/wx	4264 6365.5 8615.5 13051.5 17170.4
						summer
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
14.25	CBP2	Puerto Montt	CHL	cw	wx	8722
	CFH	Halifax	CAN	rtty	wx	6330
	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5
						13062 17165.6 22396
	GKR	Portishead	G	cw	tfc	6333.5 8469 12709

continuation

14.25	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
<u>14.30</u>	CBA3	Antofagasta	CHL	ssb	wx	4396.6
	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas				
		Evangelistas	CHL	ssb	wx	6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395
	CBP2	Puerto Montt	CHL	ssb	wx	4143.6
	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CCV6	Belloto	CHL	cw	wx	4298 8558 12960
	CNP	Casablanca	MRC	cw	tfc	12695.5
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPP43	Posadas	ARG	ssb	tfc	4363.6
	LPW	Bahia Blanca	ARG	ssb	nav	4372.9 8771.6
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	PPJ	Juncao	B	cw	nav	8460.5 12689.5
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	* UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WOM	Pennsuco	USA	ssb	tfc	4407 8746.8 13125.6 17260.8
	WSL	Amagansett	USA	rtty	tfc	13094.5 17197.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5
						16950 22452
	XVG	Haiphong	VTN	cw	tfc	4315
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5
						22428
<u>14.33</u>	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6
	VIO	Broome	AUS	ssb	tfc	4428.7
<u>14.35</u>	PJC	Curacao	ATN	ssb	tfc	17251.5
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6
						22431
<u>14.40</u>	XST	Qingdao	CHN	cw	tfc	8546
<u>14.45</u>	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
	FFP	Fort de France	MRT	ssb	tfc	8802.6
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
<u>14.48</u>	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
<u>14.50</u>	EBD	Cartagena	E	cw	nav	4342
	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3
						22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	8630 13033.5 16972
<u>14.55</u>	CCM	Magallanes	CHL	cw	wx	4256 8510 12510

* 14.30 add: VIT Townsville AUS cw tfc 4255.6

15.00						
A4M	Muscat	OMA	cw	tfc	4233	
A9M	Bahrain	BHR	cw	tfc	4284 8454 12698	
CNP	Casablanca	MRC	cw	tfc	8686	
C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752	
C9L4	Beira	MOZ	cw	tfc	8698	
DXF	Davao	PHL	cw	tfc	8615 12900	
DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502	
DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5	
D3E	Luanda	AGL	cw	tfc	13023	
FFP	Fort de France	MRT	cw	tfc/storm	12831	
FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563	
GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4	
					22467	
GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5	
HCG	Guayaquil	EQA	cw	tfc	8474	
HEB	Bern	SUI	cw	tfc	4259 8601.5 130123.7 16863.3 22344.5	
					monday - friday	
HIA	Santo Domingo	DOM	cw	tfc	8642 13087.5	
HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5	
					22571	
KGD58	Annette	ALS	ssb	wx	4125	
KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3	
KMI	Dixon	USA	ssb	tfc/wx	4357.4 8728.2 8784 13100.8 13187.6	
					17236	
KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5	
					13002 17016.5 22479 22557	
					8787.1	
LPO	Puerto Deseado	ARG	ssb	tfc/wx		
LPT	Puerto					
	Santa Cruz	ARG	ssb	tfc/nav	8793.3	
LPX	Comodoro					
	Rivadavia	ARG	ssb	tfc	13113.2	
NRV	Apra Harbour	GUM	rtty	tfc/wx	8710.5 13077 17203 22567	
OST	Oostende	BEL	ssb	tfc	8762.3 17270.1	
PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4	
PKB20	Lhok Seumawe	INS	cw	tfc	6456.5	
PKN2	Balik Papan	INS	cw	tfc	6456.5	
PKR6	Cilacap	INS	cw	tfc	12980	
PPL	Belem	B	cw	nav	4265 8502 12979.5	
PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5	
P2M	Port Moresby	PNG	cw	tfc	6351.5 13042	
SAG	Göteborg	S	cw	tfc	8498 12880.5 17079.4 22413 25461	
					except 20 - 25 december	
STP	Port Sudan	SDN	cw	tfc	4226.5 8652	
S3D	Chittagong	BGD	cw	tfc	13056	
TAH	Istanbul	TUR	cw	tfc	8611.5 8662	
TJC	Douala	CME	cw	tfc	13069.5	
TUA	Abidjan	CTI	cw	tfc	16947.8	
UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077	
UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000	
UBN	Jdanov	URS	cw	tfc	8620 12732	
UDB	Leningrad	URS	cw	tfc	6425 8687.5 12693 17115	
UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420	
UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555	
UFB	Odessa	URS	cw	wx/nav	6341.5	
UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5	
UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5	
UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960	
UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703	
UQB	Kholmisk	URS	cw	tfc	6380 8675 12678	
UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5	
VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5	
VFF	Frobisher Bay	CAN	cw	tfc	6493	

Line	Call	Locality	Country	Mode	Service	Frequency	Power	Time	Remarks
15.00	VIM	Melbourne	AUS	cw	tfc	4228.5			
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4	17096	22536	
	VTG	Bombay Naval	IND	cw	nav/wx	4268 6467 8634	12808.5	16938 22378	
						monday - saturday			
	VTP	Vishakhapatnam	IND	cw	nav	4238 6418 8646	12840		
						only if VTG Bombay is off the air			
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2	8790.2	8805.7	
						8808.8 13134.9	17356.9		
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5	12704.5		
						12886.5 17172.4	22320		
	WOO	Ocean Gate	USA	ssb	tfc/wx	4422.5 8749.9 13107	17310.4		
						22704.5			
	XDD	Ixtapalapa	MEX	cw	wx	13043			
	XFP	Chetumal	MEX	cw	tfc	8595.5			
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656	12775	22477	
	XSG	Shanghai	CHN	cw	storm	4290 8487	12954		
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614			
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962	16862.5		
	XSX	Keelung	TAI	cw	tfc	8445 12695.5	17011	22459	
	XVT	Da Nang	VTN	cw	tfc	8570			
	YIR	Basrah	IRQ	cw	tfc	6330 8440	16880		
*	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694	13042.5	17170.4	
*	UFL	Vladivostok	URS	cw	nav	6385 8595	(12729 summer)		
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461	17141.6		
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584	12702	16907.3	
	Y5P	Rügen	DDR	ssb	tfc	13103.9	summer		
	Y5M	Rügen	DDR	cw	blind tfc	12681.5			
	3AC	Monaco	MCO	ssb	tfc	8728.2			
	4PB	Colombo	CLN	cw	tfc	12927.3			
	5OW	Lagos	NIG	cw	tfc	6411 25060			
	9YL	North Post	TRD	cw	tfc/storm	8441			
	*= out of alphabetical order								
15.01	S3E	Khulna	BGD	cw	tfc	8658 13024			
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696	12690	17173	
15.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3	17316.6		
						22673.5			
	PPI	Ilheus	B	ssb	tfc	4366.7 8774.7			
	PPJ	Juncao	B	ssb	wx	4143.6			
	PPL	Belem	B	ssb	wx	4143.6			
	PPL	Belem	B	ssb	tfc	4369.8 8784			
	PPO	Olinda	B	ssb	wx	4143.6			
	PPR	Rio de Janeiro	B	ssb	wx	4143.6			
	PPS	Santos	B	ssb	wx	4143.6			
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7			
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8	22512		
	VIA	Adelaide	AUS	ssb	tfc	4428.7			
	VIT	Townsville	AUS	ssb	tfc	4428.7			
15.05	LPD	General Pacheco	ARG	ssb	nav	13159.7			
	LPL	General Pacheco	ARG	ssb	tfc	4394.6			
	LZW	Varna	BUL	cw	tfc	4250 6405 8532	12940	16918 22344	
	OXZ	Lyngby	DNK	ssb	tfc	8740.6 13141.1	17338.3	22704.5	
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138	17341.4	22608.4	
	PJC	Curacao	ATN	ssb	tfc	8725.1			
	TFA	Reykjavik	ISL	cw	tfc	4289			
	VFA	Inuvik	CAN	ssb	wx/nav	4363.6			
	XSL	Fuzhou	CHN	cw					

GLOBE-MACKAY

ITT

Acct. No. _____ Check _____

Sender's Name Anselmo C. Conti Tel. No. _____
Address Imus Receiving Station, Imus Cavite, Philippines

Date _____

To:

Mr. Michiel Schaay
Sparrenlaan 42
3941 GM DOORN
HOLLAND

This will confirm your reception of June 2, 1980 at 20.10 GMT on the frequency of 12882.0 Khz as poor due the Emergency power we are using as the original power is on brownout, and we are using a small Xmtr. Your untiring effort in observing DZG Marine frequency on 12882.0 Khz is highly appreciated.

PARTICULARS OF COAST STATION

- | | |
|------------------------------|--|
| 1. Name of Station | Globe-Mackay ITT Manila, Philippines |
| 2. Call sign & Location | D Z G, Marilao, Bulacan, Philippines |
| 3. Frequency | 12882.0 Khz. |
| 4. Emission | A1 (CW by on-off Keying). |
| 5. Power; Antenna; Bearing | 2.5 KW, Doublet, 192 degrees/12 degrees |
| 6. Nature of Service | CP (Port operations & Public Correspondence) |
| 7. Hours of Service | H24 (24 hours operation) |
| 8. Geographical Co-ordinates | 120 deg. 56'40" East 13 deg. 45'20" North |

Anselmo C. Conti
Anselmo C. Conti
Station Supervisor

Best 73

GLOBE-MACKAY Cable and Radio Corporation (affiliated with ITT World Communications Inc.)

Main Office: ITT Building, 669 United Nations Ave., Manila. Telephone 50-60-81

All Messages are accepted by this Company subject to the terms and conditions on reverse side.

Telegram Dictation Call 57-47-06

continuation

15.10	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 22351.5 22533 25135 27017
	SUH	Alexandria	AGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
15.15	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 winter
15.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	J2A	Djibouti	DJI	cw	nav	8682
	SVG	Athinai	GRC	cw	wx	8454
	VWB	Bombay	IND	cw	wx	8630 12710
	5ZF	Mombasa	KEN	cw	tfc	13065
15.20	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.2
	DZG	Las Pinas	PHL	cw	wx/nav	6441 8588 12882 17176 22502
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	16947.6
15.30	CCV	Valparaiso	CHL	cw	wx	4298
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	FFD	Saint Denis	REU	ssb	tfc	8790.2
	FFS	Saint Lys	F	cw	tfc	8510 12678 17040.8 22318.5
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	6491.5 8437 13069.5
	KFS	Sao Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8 22515
	LPA	Rio Grande	ARG	ssb	tfc	8753
	LSO	Buenos Aires	ARG	cw	nav	4304 8447 12728 16925.6
	PKI	Jakarta	INS	cw	tfc/nav	8542
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UJO5	Izmail	URS	cw	tfc	4474 6386.5
	UJQ	Kiev	URS	rtty	nav	8635 12990 17135
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc	4425.6 8793.3 13144.2 17263.9
	XFM	Manzanillo	MEX	cw	tfc	8568.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	16950
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	12662 16932 22543
	9HD	Malta	MLT	cw	tfc	8441.4
	9LL	Freetown	SRL	cw	tfc	13042.5 monday - saturday
	9MG	Pinang	MLA	cw	tfc	8698 12678
	9YL	Nort Post	TRD	cw	tfc/storm	17184.8
15.33	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9 22710.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VIM	Melbourne	AUS	ssb	tfc/wx	4428.7
	5BA	Cyprus	CYP	ssb	tfc	8737.5
15.35	VCS	Halifax	CAN	ssb	nav	4410.1

continuation

15.35	XS F	Lianyungang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
15.40	VCS	Halifax	CAN	ssb	nav	8787.1
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
15.45	C9C	Maputo	MOZ	cw	wx	4358 6502 13042.5
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
	VCS	Halifax	CAN	ssb	nav	13138
15.48	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VWB	Bombay	IND	cw	nav	8630 12710
	VWC	Calcutta	IND	cw	nav	4286
	VWM	Madras	IND	cw	nav	8674.4
15.50	DZF	Bacoar	PHL	cw	tfc	17072
	EBC	Las Palmas	CNR	cw	nav	4302.75
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6
						17021.6 22487
16.00	AQP	Karachi Naval	PAK	cw	tfc	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	13024.5
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CNP	Casablanca	MRC	cw	tfc	8686
	CUG	Sao Miguel	AZR	cw	tfc	8461
	CUL	Lisbon	POR	ssb	tfc	13107
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3
						22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	C9L4	Beira	MOZ	cw	tfc	4289
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	EAD	Aranjuez	E	cw	tfc	6382.22 8682 13065 17184.6 22446
	FFL	Saint Lys	F	cw	wx	4328 6421.5
	FFP	Fort de France	MRT	cw	tfc/storm	8675.2
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GXH	Thurso	G	cw	nav	12691
	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5
						22412
	HZG	Dammam	ARS	cw	tfc	8484.5
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6
						8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	IAR	Rome	I	cw	tfc	4292 6409.5 8530 13011 17160.8
						22372.5
	JCS	Choshi	J	cw	tfc	4349 12826.5
	J2A	Djibouti	DJI	cw	tfc	8682
	KGD91	Yakutat	ALS	ssb	wx	4125
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107
						17239.1 22636.3
	KUQ	Pago Pago	SMA	cw	nav	8585
	LF./G.	Rogaland	NOR	cw	tfc	4241 6432 8574 12961 17074.4 22425
	LPB	Corrientes	ARG	ssb	tfc	4428.7
	LPD	General Pacheco	ARG	cw	tfc	8646 17045.6 22419
	LPD	General Pacheco	ARG	cw	wx	4262 12763.5
	LPM	Mar del Plata	ARG	ssb	tfc	8749.9
	LPY	Puerto				
		San Julian	ARG	ssb	tfc/wx/nav	4360.5

continuation

16.00	LSM	Comodoro				
		Rivadavia	ARG	cw	nav	4304
	LSO	Buenos Aires	ARG	ssb	nav	6218.6 8291.1
	LZL	Burgas	BUL	cw	tfc	8564
	NMN	Portsmouth	USA	ssb	wx	6506.4 8765.4 13113.2
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 13119.4
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5
						16920 17068.4 22404 22419 22459
						25262
	PKB20	Lhok Seumawe	INS	ssb	tfc	6512.6
	PKN7	Bontang	INS	cw	tfc	8626
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2
						17254.6 17356.9 22602.2 22685.9
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	SVA	Athinai	GRC	cw	tfc	4343 6478.75 8687 13047 17094.8
						22417 25401
	S3D	Chittagong	BGD	cw	tfc	13956
	S7Q	Seychelles	SEY	cw	tfc	8445 not sunday
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 (12736.5 winter)
						(17021,6 summer)
	TFA	Reykjavik	ISL	cw	tfc	4289 6344 8690 13069.5 16909.7
	TUA	Abidjan	CTI	cw	tfc	8465
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholm'sk	URS	cw	tfc	6380 8675 12678
	URD	Leningrad	URS	cw	wx	4315 6354 8575 13030 17010
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	4316 8514 12966
	VWC	Calcutta	IND	cw	tfc	4286
	VWM	Madras	IND	cw	tfc	4301 8674.4
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4385.3 8796.4 13128.7 17325.9
						22608.4
	XFL	Mazatlan	MEX	cw	tfc	8470
	XFU	Veracruz	MEX	cw	tfc/wx/nav	8656
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YUR	Rijeka	YUG	ssb	tfc	8746.8 17263.9 22713.8
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	16892.9
	Y5P	Rügen	DDR	ssb	tfc	13103.9 winter
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3XC	Conakry	GUI	cw	tfc	6383
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	6411 25060

continuation

16.00	70A	Aden	YMS	cw	tfc	8441.4
	9LL	Freetown	SRL	cw	tfc	13042.5 sunday
16.01	S3E	Khulna	BGD	cw	tfc	8658 13024
16.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
16.05	EQZ	Abadan	IRN	cw	tfc	4294
	HKB	Barranquilla	CLM	cw	tfc	4277 6463.5 8700.4 12781.5 13087.5 17004
	LPD	General Pacheco	ARG	ssb	nav	4394.6
	LPL	General Pacheco	ARG	ssb	tfc	8759.2 13159.7 17232.9 22605.3
	OBC	Callao	PRU	cw	wx/nav	8650 12307
	OFJ	Helsinki	FNL	cw	tfc	8457 12669 12687 16923.6 22396
	SPH	Gdynia	POL	cw	tfc	8482 8634 12721 16887.5
	SVN	Athinai	GRC	ssb	tfc	6398 and 12826.5 may also be used 4428.7 8759.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	UJQ	Kiev	URS	cw	nav	6416 8635 12715 17015
	VCS	Halifax	CAN	ssb	wx	4410.1
	VFC	Cambridge Bay	CAN	ssb	wx/nav	4363.6
	WOE	Lantana	USA	cw	tfc	12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
	9VG	Singapore	SNG	ssb	tfc	4369.8
16.10	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	VIA	Adelaide	AUS	cw	tfc	4272.5
	VIB	Brisbane	AUS	cw	tfc	4230.5
	VIO	Broome	AUS	cw	tfc	4323.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
	YKM5	Baniyas	SYR	cw	tfc	16967
16.15	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	VCS	Halifax	CAN	ssb	wx	8787.1
16.18	EBA	Madrid	E	cw	nav	6388 8528.5 13059 17018
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	TIM	Limon	CTR	cw	tfc	8478 13100 16873 22336
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
	6YI	Kingston	JMC	cw	tfc	13065
16.20	GYC	Whitehall	G	cw	wx	4300.2 6413.7 8613.2 12807.7 17030.4 22454.2
	KFS	San Francisco	USA	cw	wx	4228 6348 8444.5 12695.5
	UJY	Kaliningrad	URS	rtty	nav	8460.5 13054 16963 22403
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	8690
	8PO	Barbados	BRB	cw	tfc	16947.6
	9PA	Banana	ZAI	cw	nav	8714
16.25	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396

continuation

<u>16.25</u>	FFD	Saint Denis	REU	cw	tfc	8468.5
	GKR	Wick	G	cw	tfc	6333.5 8469 12709
	VCS	Halifax	CAN	ssb	wx	13138
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
<u>16.30</u>	ASK	Karachi	PAK	CW	WX	8670
	ASK	Karachi	PAK	cw	nav	8658
	CFH	Halifax	CAN	cw	wx/nav	6430 8697 12726
	CFH	Halifax	CAN	rtty	wx	6330
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	HZY	Ra's Tannurah	ARS	cw	tfc/wx/nav	4308.5 8480 12811.3
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPG	Rio Gallegos	ARG	ssb	tfc/wx/nav	8765.4
	LPZ	Trelew	ARG	ssb	tfc/wx	4385.3
	NMC	San Francisco	USA	ssb	wx	8765.4 13113.2
	OBY2	Paita	PRU	cw	nav	6436
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588
						summer
	WNU	Slidell	USA	cw	tfc/wx	4310 6326.5 8570 12826.5 17117.6
						22431
	WOM	Pennsuco	USA	ssb	USA	4363.6 8722 13116.3 17232.9 22639.4
	WSL	Amagansett	USA	rtty	tfc	13094.5 17197.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950
						22452
	XSX	Keelung	TAI	cw	wx	8445 12695 22459
	XVG	Haiphong	VTN	cw	tfc	12820
	XVG	Haiphong	VTN	ssb	tfc	4363.6
	Y5M	Rügen	DDR	cw	blind tfc	12681.5
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	3BM	Mauritius	MAU	cw	wx/nav	6351.5 12988.5 16978.4
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5
						22428
<u>16.33</u>	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2
	ZSV	Walvis Bay	NMB	ssb	wx/nav	4357.4 8718.9
	5TA	Nouadhibou	MTN	cw	nav	8572
<u>16.35</u>	VFU6	Coppermine	CAN	ssb	wx/nav	4363.6
	3BB	Port Louis	MAU	ssb	wx	4403.9
<u>16.40</u>	WCC	Chatham	USA	rtty	tfc	6504.5 8715 13081.5 17207.5 22571.5
	XST	Qingdao	CHN	cw	tfc	8546
<u>16.45</u>	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1
						17279.4 22614.6 25497
	NOJ	Kodiak	ALS	ssb	wx	6506.4
	OBF4	Mollendo	PRU	cw	nav	6351
<u>16.48</u>	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VWB	Bombay	IND	cw	wx/storm	8630 12710
<u>16.50</u>	EBC	Cadiz	E	cw	nav	6422
	KOK	Los Angeles	USA	cw	tfc/storm/wx	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	S3D	Chittagong	BGD	cw	wx	8694 13056

continuation

16.50	TJC	Douala	CME	cw	wx	8449 13069.5
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3 22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	8586 8630 12925.5 13033.5 16933.2
						16972 22518
	8PO	Barbados	BRB	ssb	tfc/wx	8765.4 13138
16.55	8RB	Demerara	GUB	cw	tfc	12709
17.00	A9M	Bahrain	BHR	cw	tfc	4284 8454
	CCV	Valparaiso	CHL	cw	nav	4298 8558 12960
	CKN	Vancouver	CAN	cw	nav	4268
	CNP	Casablanca	MRC	cw	tfc	8686
	CUB	Madeira	MDR	cw	tfc	8461
	CUG	Sao Miguel	AZR	cw	tfc	12943.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	4289
	C9L4	Beira	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	D3E	Luanda	AGL	cw	tfc	13023
	FFT	Saint Lys	F	rtty	tfc	8708.5 13074.5 17201 22563
	FFT	Saint Lys	F	rtty	wx	4352
	GKA	Portishead	cw	tfc	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc/nav	8474
	HIA	Santo Domingo	DOM	cw	tfc/wx	8642 13087.5
	HZG	Dammam	ARS	cw	tfc	12658.2
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5
						22571
	J2A	Djibouti	DJI	cw	wx	8682
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5
						13002 17016.5 17088.5 22479 22557
	LPL	General Pacheco	ARG	ssb	wx	4434.9
	LPW	Bahia Blanca	ARG	ssb	tfc	8771.6
	LPW	Bahia Blanca	ARG	ssb	wx	4372.9
	LSM	Comodoro				
		Rivadavia	ARG	ssb	nav	6218.6
	LSN	Mar del Plata	ARG	cw	nav	4239.5
	LZL	Burgas	BUL	cw	tfc	8564
	NMF	Boston	USA	rtty	wx/nav	8490 13020 16968.8
	NMO	Honolulu	HWA	cw	nav	16457.5 22472
	NRV	Apra Harbour	GUM	cw	wx	12743 17146
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 17270.1
	PCH	Scheveningen	HOL	cw	blind tfc	4250 8622 12799.5 16902 22324.5
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	ssb	tfc	8759.2
	PKN2	Balik Papan	INS	ssb	tfc	6512.6
	PKN7	Bontang	INS	cw	tfc	12980
	PPJ	Juncao	B	cw	tfc	4251 8460 12689.5 16918
	PPL	Belem	B	cw	tfc	4265 8502 12979.5 17170
	PPO	Olinda	B	cw	tfc	4298 8520.1 12840 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	8498 12880.5 17079.4 22413 25461
						except 20-25 december
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 12736.5
	TJC	Douala	CME	cw	tfc	8449

continuation

17.00	TUA	Abidjan	CTI	CW	tfc	16947.8
	UAH	Tallin	URS	CW	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	CW	tfc	4271 6370 13000
	UBN	Jdanov	URS	CW	tfc	8620 12732
	UBN	Jdanov	URS	CW	wx/ice	4265
	UDB	Leningrad	URS	CW	tfc	6425 8687.5 12693 17115
	UDH	Riga	URS	CW	tfc	4236 6410 8506 13070 16997 22420
	UFN	Novorossiisk	URS	CW	tfc	4245 13040 16890.5
	UHK	Batumi	URS	CW	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	CW	tfc	6400 8690 12730 16960
	UMV	Murmansk	URS	CW	wx/nav/ice	4307 6331.5
	UNM2	Klaipeda	URS	CW	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	CW	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	CW	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	CW	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	CW	tfc	6493
	VIS	Sydney	AUS	CW	nav	4286 6428.5 8478 12907.5 16918.6
						22485
	VPS	Hong Kong	HKG	CW	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	CW	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4388.4 8762.3 13131.8 17245.3 22623.9
	WWD	La Jolla	USA	ssb	wx	4431.8 8644.1 17408.6 monday-friday
	XFP	Chetumal	MEX	CW	tfc	8595.5
	XFU	Veracruz	MEX	CW	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	CW	tfc	4295 8614
	XSV	Tianjing	CHN	CW	tfc	4283 8600 12962 16862.5
	XSW	Kaohsiung	TAI	CW	wx	8582
	XSX	Keelung	TAI	CW	tfc	8445 12695.5 17011 22459
	XYR	Rangoon	BRM	CW	wx	8441
	YIR	Basrah	IRQ	CW	tfc	6330 12660 16880
	YVG	La Guaira	VEN	CW	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	CW	tfc	4233.5 6466 8584 12702 16907.3
	3AC	Monaco	MCO	ssb	tfc	8728.2
	4PB	Colombo	CLN	CW	tfc	12927.3
	4WD	Al Hudaydah	YEM	CW	tfc	4230
	5OW	Lagos	NIG	CW	tfc	6411
	9LL	Freetown	SRL	CW	tfc	6411 monday-saturday
	9WW20	Kuching	MLA	ssb	nav	4371.1 or 8767.2
<u>17.01</u>	S3E	Khulna	BGD	CW	tfc	8658 13024
	ZAD	Durrës	ALB	CW	tfc	4302 6434 8696 12690 17173
<u>17.02</u>	WMI	Lorain	USA	ssb	wx/storm	4382.2
<u>17.03</u>	EBA	Madrid	E	rtty	nav	6388 8528.5 13059 17018
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	CW	tfc	8440.6 12910 16992.8 22512
	VII	Thursday Island	AUS	CW	tfc	4428.7
	ZSD	Durban	AFS	ssb	wx	4376 8740.6
<u>17.05</u>	HSA	Bangkok	THA	CW	tfc	6518.8 8759.2
	LPD	General Pacheco	ARG	ssb	nav	8759.2
	LZW	Varna	BUL	CW	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	8740.6 13141.1 17338.3 22704.5
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	PJC	Curacao	ATN	ssb	tfc	17251.5
	TFA	Reykjavik	ISL	CW	tfc	4289
	XSL	Fuzhou	CHN	CW	tfc	4343 8598
	XSZ	Dalian	CHN	CW	tfc	4305



COMPANHIA PORTUGUESA RÁDIO MARCONI

CONCESSIONÁRIA NACIONAL DE TELECOMUNICAÇÕES
VIA RÁDIO E CABOS SUBMARINOS

Ponta Delgada

Mr. Michiel Schaay
Sparrenlaan 42
3941 GM Doorn
Holanda

SUA REFERÊNCIA

NOSSA REFERÊNCIA

10750

DATA

24 JUN 1980

ASSUNTO:

Prezado Senhor

Assó a recepção da vossa carta de 4 de Junho de 1980 e confirmo os detalhes que apresenta sobre a vossa recepção, pois, de facto, no dia 1 de Junho de 1980 às 20.42 GMT, estávamos a irradiar tal como indica.

O nosso emissor é um "American Federal and Radio Corporation FTR-3" de 3,5 Kw e estávamos a utilizar uma antena dipole de meio comprimento de onda que está orientada no sentido Norte/Sul.

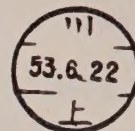
Com os melhores cumprimentos,

for: Michiel Schaay
Sparrenlaan 42
3941 GM Doorn
NETHERLANDS.

Coastal station NAGASAKIRADIO
2293 Hinodecho Isahaya-city
Nagasaki-pref.
Japan

22ND/JUNE 1978

諫早市日の出町2293
長崎無線電報局



Dear

Thanks your QSL report and confirmed your details.
This is marine radio coastal station NAGASAKIRADIO
with call sign JOS, JOR, JOU and JDB.

QTH.....LAT 32-51-41N

control station

LONG 130-03-07E

LAT 32-48-05N

transmitting station

LONG 130-09-25E

Service....Radiotelegram servdce for ships.

Service

Area....East China Sea, South China Sea, Borneo Sea,
Arabian Sea, Persian Gulf, Red Sea, Atlantic
Ocean, Mediterranean Sea, near Africa, Coral
Sea, Australian Sea, and Pacific Ocean near
South America.

History....Japanese Navy had its Signal station at Osezaki
west of Kyushu. 5th May 1908, The Navy Signal
Station was closed. 1st July 1908, it was repl-
aced by Osezaki Radio Station (JOS), That opened
marine radio service with medium wave and long
wave. 16th November 1932, Osezaki Radio Station
removed here and changed its name for Nagasaki
Radio Station. Then, we began high frequency
servbvice.

Many thanks your report and listening our signals.

Yours faithfully.

for: Michiel Schaay
Netherlands.

QSL

長崎無線電報局



JOS
JOR
JOU
JDB

Nagasaki radio

Thanks for your QSL report.
Your details all confirmed!

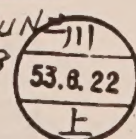
From: Nagasaki radio
Nagasaki Japan.

CALLSIGN	POWER (KW)	FREQ. (KHZ)	OPERATION HOUR (GMT)											
			0	2	4	6	8	10	12	14	16	18	20	22
JOS	1/2.7	500/483												
JOS	3	4328.0												
JOR	5	6457.5												
JOS	3	6491.5												
JOS	3	8437.0												
JOU	10	8463.0												
JOR	10	8523.4												
JOU	15	12673.5												
JOR	15	13008.0												
JDB	15	13063.0												
JOS	3	13069.5												
JDB	15	16877.5												
JOS	3	16933.2												
JOU	15	16959.2												
JOR	15	17093.6												
JOS	3	22396.0												
JOR	15	22409.0												
JOU	15	22440.0												

Radio officer
Taisuke Kawakami

諫早市日の出町2293
長崎無線電報局

22ND/JUNE
1978



continuation

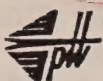
17.05	ZSD	Durban	AFS	cw	wx/nav	4242.5 8576.5
	ZSD	Durban	AFS	ssb	wx/nav	4376 8740.6
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
17.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7
						17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4
						22599.1 winter
	OST	Oostende	BEL	cw	tfc	6328.5 6411 8478 8652 12781.5
						13067 17017.1 17187 22351.5 22533
						25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
17.12	WLC	Rogers City	USA	ssb	wx/storm	4369.8
17.15	HEB	Bern	SUI	ssb	tfc	8784 13190.7 17263.9 22692.1 winter
	ZUD	Durban	AFS	rtty	wx/nav	4351 8706 13073
	3AC	Monaco	MCO	ssb	wx	4363.6 8743.7 13172.1 17251.5 22651.8
	3AC8	Monaco	MCO	ssb	nav	8728.2
17.18	C5G	Banjul	GMB	cw	tfc	8441
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	9VG	Singapore	SNG	cw	nav	4322 6412
17.20	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4
						winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	12655
	8PO	Barbados	BRB	cw	tfc	12709
17.25	FFD	Saint Denis	REU	cw	tfc	4226
17.30	AQP	Karachi Naval	PAK	cw	wx	6390 8490 13011 17093.6
	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas				
		Evangelistas	CHL	ssb	wx	6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395
	CFH	Halifax	CAN	cw	wx	6430 8697 12726
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4
						22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	EBA	Madrid	E	cw	wx	6408.5
	ETC	Assab	ETH	cw	tfc	6340.5
	FFP	Fort de France	MRT	cw	tfc/storm	12831
	FFS	Saint Lys	F	cw	tfc	8510 12678 17040.8 (22318.5 summer)
	GKA	Portishead	G	cw	nav/storm	4286 6368.9 8545.9 12822 17098.4
						22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	blind tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	6491.5 8437 13069.5
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8
						22515
	KLC	Galveston	USA	cw	wx	4256 6369 8666 13038 16871.3
	LPC	Ushuaia	ARG	ssb	nav	4385.3 8753
	LPT	Rio Grande	ARG	ssb	tfc/wx/nav	4428.7
	LPW	Bahia Blanca	ARG	ssb	tfc	4372.9
	LSA	Boca	ARG	cw	wx	4334 8726 12709
	NMN	Portsmouth	USA	ssb	wx	8765.4 13113.2 17307.3

continuation

17.30	NMO	Honolulu	HWA	rtty	nav	8718 13084.5 22574.5
	PZN	Paramaribo	SUR	cw	tfc	8652.5 13046 16956
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKA	Vladivostok	URS	cw	nav	4241 6430
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIX	Sydney	AUS	cw	wx	4286 6428.5 8478 12907.5 16918.6 22485
	VWC	Calcutta	IND	cw	tfc	8526
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588 winter
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc	4391.5 8731.3 13122.5 17257.7 22642.5
	XFM	Manzanillo	MEX	cw	tfc/wx	8568.5 12829.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong.	VTN	cw	tfc	4315
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	13042.5
	YJM	Port Villa	VUT	ssb	tfc	4385.3 6215.5
	Y5M	Rügen	DDR	cw	blind tfc	8443
	ZLB	Awarua	NZL	cw	nav	8504 12740 17170.4 22533
	ZSC	Cape Town	AFS	cw	wx/nav	4291 8461 12724 17018 22455
	ZSC	Cape Town	AFS	ssb	nav	4143.6
	5AL	Tobruk	LBY	cw	tfc	8480
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	12662 16932 22543
	8RB	Demerara	GUB	cw	tfc	16947.6
	9MG	Pinang	MLA	cw	tfc	8698 12678
	9YL	North Post	TRD	cw	tfc/storm	8441
<u>17.33</u>	FJA	Mahina	OCE	cw	tfc	4298
	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VID	Darwin	AUS	ssb	tfc	4428.7
	5BA	Cyprus	CYP	ssb	tfc	8737.5
<u>17.35</u>	PJC	Curacao	ATN	ssb	tfc	13119.4
	XSF	Lianyangang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
<u>17.40</u>	CBF29	Punta Tortuga	CHL	ssb	wx	6395
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
<u>17.45</u>	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
	NMO	Honolulu	HWA	ssb	wx	8765.4 13113.2
	JMC	Tokyo	J	cw	storm	4298 6397 8526 12840 17029
<u>17.50</u>	DZF	Bacoor	PHL	cw	tfc	17072
	FF.	Saint Lys	F	cw	wx	4328 8550 winter 8550 12655.5 summer
	TYA	Cotonou	BEN	cw	tfc	6383
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6 17021.6 22487
<u>17.55</u>	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CT..	Monsanto	POR	cw	wx	4236 8527 13003 17057.2
	CT..	Monsanto	POR	rtty	wx	8524 13000 17054.2
<u>18.00</u>	AQP	Karachi Naval	PAK	cw	nav	6390 8490 13011 17093.6
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3 22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752

continuation

18.00	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	FFT	Saint Lys	F	rtty	tfc/wx/nav	4352 8708.5 13074.5 17201 22563
	FJA	Mahina	OCE	ssb	nav	8764
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	HCG	Guayaquil	EQA	cw	tfc	8474
	HEB	Bern	SUI	cw	blind tfc	4259 8601.5 13023.7 16863.3 22344.5 saturday/sunday
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5 22412
	HZG	Dammam	ARG	cw	tfc	4253.5 6364.5
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	IDQ	Rome Naval	I	cw	wx	4280 6390.3
	JCS	Choshi	J	cw	tfc	4349 12826.5
	KMI	Dixon	USA	ssb	tfc	4357.4 8728.2 8784 13100.8 13187.6 17236
	LFL	Rogaland	NOR	ssb	tfc	8780.9 13162.8
	LG..	Rogaland	NOR	rtty	blind tfc	4351 6498 8707 13097 17223 22587
	LPA	Rio Grande	ARG	ssb	tfc/nav	4407
	LPC	Ushuaia	ARG	ssb	wx	4385.3
	LPD	General Pacheco	ARG	cw	tfc	8646 17045.6 22419
	LPG	Rio Gallegos	ARG	ssb	tfc/wx/nav	4400.8
	LPM	Mar del Plata	ARG	ssb	tfc/wx/nav	4410.1 8749.9
	LPY	Puerto				
		San Julian	ARG	ssb	tfc	8746.8
	LPZ	Trelew	ARG	ssb	tfc/wx	8740.6
	NMC	San Francisco	USA	rtty	wx	8714.5 17207
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 13119.4
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5 16920 17068.4 22404 22419 22459 25262
	PKB20	Lhok Seumawe	INS	cw	tfc	12980
	PKN2	Balik Papan	INS	ssb	tfc	4425.6
	PKN7	Bontang	INS	cw	tfc	6456.5
	PWZ	Rio de Janeiro	B	cw	wx	4289 6435 8550 12795 17176 22530
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2 17254.6 17356.9 22602.2 22685.9
	SPE	Szczecin	POL	cw	tfc	4331 8557 12939 16974
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	8611.5 8662 12736.5
	TJC	Douala	CME	cw	tfc	8449
	TUA	Abidjan	CTI	cw	tfc	8465
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960



Socialist Federal Republic of Yugoslavia
COMMUNITY OF YUGOSLAV POSTS
TELEGRAPHS AND TELEPHONES

Our ref.:02-10656/1

Belgrade, June 7, 1978

MICHIEL SCHAAY
SPARRENLAAN 42
3941 GM DOORN
NETHERLANDS

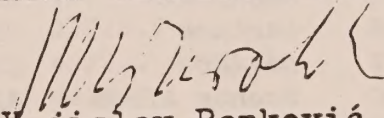
Dear Sir,

I have the honour to inform you that we received your letter of April 30, 1978 informing us that you have heard the broadcast of our radio-maritime station and we confirm with pleasure that it was the Yugoslav station on frequency of 8746 kHz.

Best regards,

Yours sincerely,

for DIRECTOR OF
TELEPHONE SERVICE DEPARTMENT


Vojislav Ranković

continuation

18.00	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmsh	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VAI	Vancouver	CAN	cw	wx/nav	4235 6493 8453 12876 17175.2 22368
	VAI	Vancouver	CAN	rtty	wx/nav	13091.5
	VWB	Bombay	IND	cw	tfc	4316 8514 12966
	VWM	Madras	IND	cw	tfc	8674.4
	WBH29	Kodiak	ALS	ssb	wx	4125
	WLO	Mobile	USA	ssb	tfc/wx	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4403.9 8740.6 13184.5 17291.8 22596
	XSG	Shanghai	CHN	cw	storm	4290 8487 12954
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	13042.5
	YQI	Constanta	ROU	cw	tfc	6473.5 8459 12757 17037 22448
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5P	Rügen	DDR	ssb	tfc	8722
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	ZRQ	Cape Naval	AFS	cw	wx	4222.2 8470.2 12692.2 16964.2
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3VP	La Skhirra	TUN	cw	tfc	4251
	4PB	Colombo	CLN	cw	tfc	12927.3
	5OW	Lagos	NIG	cw	tfc	13065.5
	9WW20	Kuching	MLA	cw	nav	8522
18.01	S3E	Khulna	BGD	cw	tfc	8658 13024
18.03	EHY	Pozuelo del Rey	E	ssb	tfc	6515.7 8728.2 8746.8 13128.7 13181.4
						(17322.8 17344.5 summer)
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPI	Ilheus	B	ssb	tfc	4366.7 8774.7
	PPL	Belem	B	ssv	tfc	4369.8 8784
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
18.05	LPL	General Pacheco	ARG	ssb	tfc	22605.3
	OFJ	Helsinki	FNL	cw	tfc	summer: 8457 12669 12687 16923.6
						22396 / winter: 4272 6355 8457
						12669 12687
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8
						22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	WOE	Lantana	USA	cw	tfc	12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
18.10	LSO	Buenos Aires	ARG	cw	nav	4304 8447 12728
	OST	Oostende	BEL	cw	tfc	6328,25 6411 8478 8652 12781.5 13067
						17017.1 17187 22351.5 22533 25135
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
18.15	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	ETC	Assab	ETH	cw	tfc	8618
	VIB	Brisbane	AUS	ssb	tfc	4428.7
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	13042.5
18.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	J2A	Djibouti	DJI	cw	nav	8682
	TIM	Limon	CTR	cw	tfc	8478 13100 16873 22336
	VWC	Calcutta	IND	cw	wx/storm	4286
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917
						22318.5

<u>18.20</u>	CCT	Talcahuano	CHL	cw	wx	6372.5 8790.5
	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4
						summer
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5
						12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	8690
<u>18.25</u>	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062
						17165.6 22396
	OFI	Hanko	FNL	ssb	nav/ice	4422.5
	OFJ	Helsinki	FNL	cw	nav	4272
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
<u>18.30</u>	CCP	Puerto Monnt	CHL	cw	wx	6405
	CCV	Valparaiso	CHL	cw	wx	4298
	CFH	Halifax	CAN	rtty	wx	6330
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
	FFL	Saint Lys	F	cw	tfc	8522.5 12912.6 17027 22509
						(6421.5 winter only)
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPO	Puerto Deseado	ARG	ssb	tfc/wx	8787.1
	ODR	Beyrouth	LBN	cw	tfc	4221 8702 12682.5
	PCH	Scheveningen	HOL	rtty	blind tfc	4351.5 6496.5 8713 13077 17217.5
	PPO	Olinda	B	cw	wx	4298 8520.1 12840 17162
	TNA	Pointe Noire	COG	cw	tfc	8453 12682.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIT	Townsville	AUS	cw	tfc	4255.6
	VWM	Madras	IND	cw	wx	8674.4
	WOM	Pennsuco	USA	ssb	tfc	4407 8746.8 13125.6 17260.8
	WSL	Amagansett	USA	rrty	tfc	13094.5 17197.5
	XFL	Mazatlan	MEX	cw	tfc/wx	8470
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5
						16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5
						16950 22452
	XVG	Haiphong	VTN	cw	tfc	16950
	ZRH	Cape Naval	AFS	rtty	wx	4247.8 8605.8 12948.8 17005.8
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	9LL	Freetown	SRL	cw	tfc	8710 monday-saturday
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5 22428
<u>18.33</u>	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9
						22719.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2
	VIO	Broome	AUS	ssb	tfc	4428.7
<u>18.35</u>	LPD	General Pacheco	ARG	ssb	nav	13159.7
	PJC	Curacao	ATN	ssb	tfc	4379.1
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6
						22431
<u>18.40</u>	IAR	Rome	I	cw	wx	4292 4320
	XST	Qingdao	CHN	cw	tfc	8546
<u>18.45</u>	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4
						22614.6 24597
	FJA	Mahina	OCE	ssb	storm	8805.7
<u>18.50</u>	EBD	Cartagena	E	cw	nav	4342
	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3 22474
	VWV	Vizag	IND	cw	tfc	8510

continuation

18.50	WCC	Chatham	USA	cw	tfc	8630 13033.5 16972
	YQI	Constanta	ROU	cw	wx	6473.5 12757
18.55	OHG	Helsinki	FNL	ssb	tfc	4394.6 8805.7 13181.4 17347.6 22605.3
19.00	CCV6	Belloto	CHL	cw	wx	4298 8558 12960
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	wx/nav	4346 8602 12750 17208.8
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GKR	Wick	G	cw	tfc	4228 8469
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
						monday - friday
	HIA	Santo Domingo	DOM	cw	tfc	8642 13087.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5 22571
	IAR	Rome	I	cw	wx	4292 8530 13011 17160.8
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107 17239.1
						22636.3
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5 13002
						17016.5 17088.5 22479 22557
	LF./G.	Rogaland	NOR	cw	tfc/omega	4241 6432 8574 12961 17074.4 22425
	LPP43	Posadas	ARG	ssb	tfc	4363.6
	LPW	Bahia Blanca	ARG	ssb	tfc/nav	4372.9
	LPX	Comodoro				
		Rivadavia	ARG	ssb	tfc	8728.2
	NMC	San Francisco	USA	cw	wx	8682 12730 17151.2
	NRV	Apra Harbour	GUM	rtty	tfc/wx	8710.5 13077 17203 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 17270.1
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	cw	tfc	6456.5
	PPJ	Juncao	B	cw	wx	4251 8460.5 12689.5 16918
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	8498 12880.5 17079.4 22413 25461
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	(4253 winter) 8611.5 8662 (12736.5
						summer)
	TJC	Douala	CME	cw	tfc	8449
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.5 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIM	Melbourne	AUS	cw	tfc	4228.5
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9

continuation

19.00	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4422.5 8749.9 13107 17310.4 22704.5
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	YIR	Basrah	IRQ	cw	tfc	4220 8440 16906
	YUR	Rijeka	YUG	ssb	tfc	8746.8 17263.9 22713.8
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	8443
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3VP	La Skhirra	TIN	cw	tfc	8534
	5OW	Lagos	NIG	cw	tfc	13065.5
	8PO	Barbados	BRB	cw	tfc	16947.5
<u>19.01</u>	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
<u>19.03</u>	CWF	Punta Carretas	URG	ssb	wx/nav	4390.2
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIA	Adelaide	AUS	ssb	tfc	4428.7
	VIT	Townsville	AUS	ssb	tfc	4428.7
<u>19.05</u>	LPL	General Pacheco	ARG	ssb	tfc	4394.6 8759.2 13159.7 17232.9
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lynby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	PJC	Curacao	ATN	ssb	tfc	8725.1
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
<u>19.10</u>	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7 17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 summer
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	BEL	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
<u>19.15</u>	FFP	Fort de France	MRT	ssb	tfc	8802.6
<u>19.18</u>	FFD	Saint Denis	REU	cw	storm	4226 8468.5
<u>19.20</u>	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	6383
<u>19.22</u>	CFH	Halifax	CAN	rtty	wx	6330
<u>19.30</u>	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	8437 13069.5

continuation

18.50	WCC	Chatham	USA	CW	tfc	8630 13033.5 16972
	YQI	Constanta	ROU	CW	wx	6473.5 12757
18.55	OHG	Helsinki	FNL	ssb	tfc	4394.6 8805.7 13181.4 17347.6 22605.3
19.00	CCV6	Belloto	CHL	CW	wx	4298 8558 12960
	CNP	Casablanca	MRC	CW	tfc	8686
	CWA	Cerrito	URG	CW	wx/nav	4346 8602 12750 17208.8
	C6N	Nassau	BAH	CW	tfc	4220.5 6376 8441 12752
	DXF	Davao	PHL	CW	tfc	8615 12900
	DZG	Manila	PHL	CW	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	CW	tfc	6453 8604 12906 16870.5 22323.5
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	CW	tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GKR	Wick	G	CW	tfc	4228 8469
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	CW	tfc	8474
	HEB	Bern	SUI	CW	tfc	4259 8601.5 13023.7 16863.3 22344.5
						monday - friday
	HIA	Santo Domingo	DOM	CW	tfc	8642 13087.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5 22571
	IAR	Rome	I	CW	wx	4292 8530 13011 17160.8
	KLC	Galveston	USA	CW	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107 17239.1
						22636.3
	KPH	San Francisco	USA	CW	tfc	4247 6477.5 8618 8642 12808.5 13002
						17016.5 17088.5 22479 22557
	LF./G.	Rogaland	NOR	CW	tfc/omega	4241 6432 8574 12961 17074.4 22425
	LPP43	Posadas	ARG	ssb	tfc	4363.6
	LPW	Bahia Blanca	ARG	ssb	tfc/nav	4372.9
	LPX	Comodoro				
		Rivadavia	ARG	ssb	tfc	8728.2
	NMC	San Francisco	USA	CW	wx	8682 12730 17151.2
	NRV	Apra Harbour	GUM	rtty	tfc/wx	8710.5 13077 17203 22567
	OST	Oostende	BEL	ssb	tfc	8762.3 17270.1
	PJC	Curacao	ATN	CW	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	CW	tfc	6456.5
	PPJ	Juncao	B	CW	wx	4251 8460.5 12689.5 16918
	PPR	Rio de Janeiro	B	CW	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	CW	tfc	6351.5 13042
	SAG	Göteborg	S	CW	tfc	8498 12880.5 17079.4 22413 25461
	STP	Port Sudan	SDN	CW	tfc	4226.5 8652
	S3D	Chittagong	BGD	CW	tfc	13056
	TAH	Istanbul	TUR	CW	tfc	(4253 winter) 8611.5 8662 (12736.5
						summer)
	TJC	Douala	CME	CW	tfc	8449
	UAH	Tallin	URS	CW	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	CW	tfc	4271 6370 13000
	UBN	Jdanov	URS	CW	tfc	8620 12732
	UDB	Leningrad	URS	CW	tfc	6425 8687.5 12693 17115
	UDH	Riga	URS	CW	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	CW	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	CW	tfc	4245 13040 16890.5
	UHK	Batumi	URS	CW	tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	CW	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	CW	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	CW	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	CW	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	CW	tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	CW	tfc	6493
	VIM	Melbourne	AUS	CW	tfc	4228.5
	VPS	Hong Kong	HKG	CW	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9

continuation

19.00	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc	4422.5 8749.9 13107 17310.4 22704.5
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	YIR	Basrah	IRQ	cw	tfc	4220 8440 16906
	YUR	Rijeka	YUG	ssb	tfc	8746.8 17263.9 22713.8
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	8443
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3VP	La Skhirra	TIN	cw	tfc	8534
	5OW	Lagos	NIG	cw	tfc	13065.5
	8PO	Barbados	BRB	cw	tfc	16947.5
19.01	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
19.03	CWF	Punta Carretas	URG	ssb	wx/nav	4390.2
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2R	Rabaul	PNG	ssb	tfc	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIA	Adelaide	AUS	ssb	tfc	4428.7
	VIT	Townsville	AUS	ssb	tfc	4428.7
19.05	LPL	General Pacheco	ARG	ssb	tfc	4394.6 8759.2 13159.7 17232.9
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	PJC	Curacao	ATN	ssb	tfc	8725.1
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
19.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7 17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1 summer
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135 27017
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	BEL	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
19.15	FFP	Fort de France	MRT	ssb	tfc	8802.6
19.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
19.20	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	6383
19.22	CFH	Halifax	CAN	rtty	wx	6330
19.30	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	ETC	Assab	ETH	cw	tfc	6340.5
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	8437 13069.5

Basrah Radio Control
State Organization of
Iraqi Ports



المحطة الساحلية في البصرة
المؤسسة العامة للموانئ العراقية
بصرة - الجمهورية العراقية

بطاقة استلام تردداتنا
QSL CARD

We Confirm That You
Heard our Station



نؤيد سماعكم لمحطتنا

تاريخ DATE	وقت غربي G.M.T.	تردد FREQ.	إشارة نداء Call Sign	كيلوواط K. W.	هوائي ANT	اتجاه DIR
24.6.78	1430 HRS	12986.5 KHZ	YIR	3.0	Dipole Type	East West

SIGN

S. Jmail

التوقيع

- SERVICE RADIO-MARITIME -

.ooo.

NOUVEAU RADIO/FJP

NOUVEAU - Nouvelle-Calédonie

Michiel SCHAAV
Sparrenlaan 42
3941 GM DOORN
HOLLAND

Nous vous confirmons votre réception de notre
émission en mode A1 en date du 29 Décembre 1980 à
08.13 UTC (heure locale 19.13 le 29/12).

Fréquence
Indicatif
Emetteur
Puissance
Antenne

12.709 kHz

FJP23

marque T.R.T.

1 kW antenne

Delta Omni-direction-
nelle



Le Chef de la Station Côtière

22-1-1981

S. Jmail

continuation

19.30	KFS	San Fransisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8 22515
	NRV	Apra Harbour	GUM	ssb	wx	6506.4
	PKI	Jakarta	INS	cw	tfc	8542
	PPL	Belem	B	cw	wx	4265 8502 12979.5 17170
	TFA	Reykjavik	ISL	cw	tfc	4289 6344 8690 13069.5 16909.7
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WMI	Lorain	USA	ssb	wx	4382.2
	WOM	Pennsuco	USA	ssb	tfc	4425.6 8793.3 13144.2 17263.9
	XFM	Manzanillo	MEX	cw	tfc	8568.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	12820
	XVG	Haiphong	VTN	ssb	tfc	4363.6
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	YKI	Tartous	SYR	cw	tfc	8472 12699
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	6415 16932 22543
	9MG	Pinang	MLA	cw	tfc	8698 12678
19.33	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VIM	Melbourne	AUS	ssb	tfc/nav	4428.7 october - march
	5BA	Cyprus	CYP	ssb	tfc	8737.5
19.35	PJC	Curacao	ATN	ssb	tfc	13119.4
	XSF	Lianyangang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
19.40	CFH	Halifax	CAN	rtty	wx	6330
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
19.45	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
19.50	DZF	Bacoor	PHL	cw	tfc	17072
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6 17021.6 22487
20.00	AQP	Karachi Naval	PAK	cw	tfc	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	8670
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CNP	Casablanca	MRC	cw	tfc	8686
	CT..	Monsanto	POR	cw	wx/nav	4236 8527 13003
	CT..	Monsanto	POR	rtty	wx/nav	4233 8524 13000 not sat/sunday
	CUG	Sao Miguel	AZR	cw	tfc	dec-may: 6393.5 june-nov: 8461
	CUL	Lisbon	POR	ssb	tfc	8722
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3 22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	EAD	Aranjuez	E	cw	tfc	4349 6382.22 8682 13065
	FFP	Fort de France	MRT	cw	tfc/storm	12831
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	FJP	Noumea	NCL	ssb	wx	4366.7
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4 22467

continuation

20.00	GYC	Whitehall	G	cw	wx	4300.2 6413.7 8613.2 12807.7 17030.4
						22454.2
	HCG	Guayaquil	EQA	cw	tfc	8474
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN60	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5 22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6
						8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	IAR	Rome	I	cw	tfc	4292 6409.5 8530 13011 17160.8
						22372.5
	JCS	Choshi	J	cw	tfc	12826.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	KCI98	King Salmon	ALS	ssb	wx	4125
	KUQ	Pago Pago	SMA	cw	tfc/wx	8585
	LPA	Rio Grande	ARG	ssb	tfc	4407
	LPB	Corrientes	ARG	ssb	tfc	4428.7
	LPM	Mar del Plata	ARG	ssb	tfc	4410.1 8749.9
	LPY	Puerto				
		San Julian	ARG	ssb	tfc/wx/nav	4360.5
	LSN	Mar del Plata	ARG	cw	nav	4239.5
	LZL	Burgas	BUL	cw	tfc	8564
	NMO	Honolulu	HWA	cw	wx	16457.5 22472
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	OXZ	Lyngby	DNK	cw	tfc	4303 6446.75 8598 12753.65 12916.5
						16920 17068.4 22404 22419 22459 25262
	PKB20	Lhok Seumawe	INS	cw	tfc	8626
	PWZ	Rio de Janeiro	B	nav	cw	4289 6435 8550 12795 17160 22530
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SAG	Göteborg	S	ssb	tfc	4416.3 8718.9 8725.1 13107 13144.2
						17254.6 17356.9 22602.2 22685.9
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	SVA	Athinai	GRC	cw	tfc	4343 6478.75 8687 13047 17094.8
						22417 25401
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	(4253 winter) 8611.5 8662
						(12736.5 summer)
	TUA	Abidjan	CTI	cw	tfc	8465
	T3K	Tarawa	KIR	ssb	tfc/wx	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UJO5	Izmail	URS	cw	tfc	4474 6386.5
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmsk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	4316 8514 12966
	VWC	Calcutta	IND	cw	tfc	4286
	VWM	Madras	IND	cw	tfc	8674.4
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc/wx	4385.3 8796.4 13128.7 17325.9 22608.4
	XDD	Ixtapalapa	MEX	cw	wx	13043
	XFL	Mazatlan	MEX	cw	tfc/wx	12703
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5

continuation

20.00	XSY	Hualien	TAI	cw	tfc	8546
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	tfc	12681.5
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2
	3VP	La Skhirra	TUN	cw	tfc	12806
	3XC	Conakry	GUI	cw	tfc	6383
	5OW	Lagos	NIG	cw	tfc	8698
<u>20.01</u>	S3E	Khulna	BGD	cw	tfc	8658 13024
<u>20.03</u>	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2M	Port Moresby	PNG	ssb	tfc	4407 6515.7
	VIS	Sydney	AUS	ssb	tfc	4428.7
	3DP	Suva	FJI	ssb	wx/nav	4372.9 8746.8
<u>20.05</u>	LPL	General Pacheco	ARG	ssb	tfc	22605.3
	OFJ	Helsinki	FNL	cw	tfc	4272 6355 8457 12669 12687
	SPH	Gdynia	POL	cw	tfc	8482 8634 12721 (16887.5 summer)
						6398 and 12826.5 may also be used
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	WOE	Lantana	USA	cw	tfc	12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
<u>20.10</u>	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4
						22599.1 winter
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067
						17017.1 17187 22351.5 22533 25135
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	VIA	Adelaide	AUS	cw	tfc	4272.5
	VIB	Brisbane	AUS	cw	tfc	6351.5
	VIO	Broome	AUS	cw	tfc	4323.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
<u>20.15</u>	ETC	Assab	ETH	cw	tfc	8618
	ETC	Assab	ETH	ssb	tfc	4363.6 6518.8 8731.3
	HEB	Bern	SUI	ssb	tfc	4379.1 8784 13190.7 summer
	SVN	Athinai	GRC	ssb	wx	8759.2
<u>20.18</u>	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	FJA	Mahina	OCE	cw	tfc	8461
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	TIM	Limon	CTR	cw	tfc	8478 13100 16873 22336
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917
						22318.5
	XVG	Haiphong	VTN	cw	nav	4315
	5ZF	Mombasa	KEN	cw	tfc	8441.4
<u>20.20</u>	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4
						summer
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663
						13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	6383
<u>20.25</u>	CBP2	Puerto Montt	CHL	cw	wx	8722
	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062
						17165.6 22396
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
<u>20.30</u>	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395

continuation

20.30	CBF44	Isla Mocha	CHL	ssb	wx	6395
	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas				
		Evangelistas	CHL	ssb	wx	6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395
	CBP2	Puerto Montt	CHL	ssb	wx	4143.6
	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CCV6	Belloto	CHL	cw	wx	4298 8558 12960
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C2N	Nauru	NRU	cw	tfc	8686
	C9L6	Mocambique	MOZ	cw	tfc	8698
	FFL	Saint Lys	F	cw	tfc	6421.5 8522.5 12912.6
	FJP	Noumea	NCL	cw	tfc	8698
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HEB	Bern	SUI	cw	tfc	4259 8601.5 13023.7 16863.3 22344.5
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPA	Rio Grande	ARG	ssb	nav	4407
	LPC	Ushuaia	ARG	ssb	wx	4407
	LPD	General Pacheco	ARG	cw	wx	4262
	LPO	Puerto Deseado	ARG	ssb	tfc/wx/nav	4379.1
	LPW	Bahia Blanca	ARG	ssb	nav	8771.6
	NMO	Honolulu	HWA	rtty	wx	8718 13084.5 22574.5
	PPO	Olinda	B	cw	nav	4298 8520.1 12840
	P2N	Paramaribo	SUR	cw	tfc	6355 8652.5 13046
	UJY	Kaliningrad	URS	cw	nav	6465 8466 12877.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	WOM	Pennsuco	USA	ssb	tfc	4363.6 8722 13116.3 17232.9 22639.4
	WSL	Amagansett	USA	rtty	tfc	13094.5 17197.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XVG	Haiphong	VTN	cw	tfc	4315
	YJM	Port Vila	VUT	cw	tfc	4343
	Y5M	Rügen	DDR	cw	blind tfc	4240
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	3BM	Mauritius	MAU	cw	wx	6351.5 12988.5 only when cyclones
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5 22428
20.33	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6
20.35	CFH	Halifax	CAN	rtty	wx	6330
	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6 22431
20.40	WCC	Chatham	USA	rtty	tfc	6504.5 8715 13081.5 17207.5 22571.5
	XST	Qingdao	CHN	cw	tfc	8546
20.45	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
20.48	FFL/T	Saint Lys	F	cw	nav	winter: 4328 8550 summer: 8550 12655.5
	FJA	Mahina	OCE	cw	tfc	17040.8
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	SVG	Athinai	GRC	cw	wx	8454
	VWB	Bombay	IND	cw	storm	8630 12710 only when tropical storm
20.50	EBK	Las Palmas	CNR	~~rtty~~	nav	4302.75 6444
	KOK	Los Angeles	USA	cw	tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw	tfc	4250 8622 12799.5 16902 22324.5
	S3D	Chittagong	BGD	cw	storm	8694 13056 only when cyclonic storm
	VIS	Sydney	AUS	cw	tfc	4245 6464 8521 12952.5 17161.3 22474
	VWV	Vizag	IND	cw	tfc	8510
	WCC	Chatham	USA	cw	tfc	8586 8630 12925.5 13033.5 16933.2 16972 22518



P. O. Box 397
North Chatham, MA 02650

Mr. Michiel Schaay
Sparrenlaan 42
3941 GM Doorn
Netherlands

Dear Mr. Schaay:

July 25, 1978

This is to acknowledge your report of our 16972kHz signals on June 11, 1978 at 1206GMT.

ChathamRadio/WCC is the largest U. S. coast station in the marine service and we operate in all of the marine bands from "MF" through the 22mHz band.

Our power depending on the transmitter in use varies from 2.5Kw to 20Kw. For transmitting antennas we use doublets, H-over-2, Verticals, long wire and have a 300-foot tower for our 500/436kHz.

Our receivers presently in use are RCA Type AR-88, AR-91 and R6A, Marconi Type NS-702 and National HRO-500 (solid state).

Thank you for your report.

Very truly yours,

A handwritten signature in cursive script, appearing to read "E. G. Hammons".

E. G. Hammons, Manager
ChathamRadio/WCC

EGH/mc

continuation

20.50	8PO	Barbados	BRB	ssb	tfc/storm	8765.4 13138
	9YL	North Post	TRD	cw	tfc/storm	12885
20.55	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	8RB	Demerara	GUB	cw	tfc	8449
21.00	CNP	Casablanca	MRC	cw	tfc	8686
	CUB	Madeira	MDR	cw	tfc	8461
	C2N	Nauru	NRU	cw	tfc	17194
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	FFP	Fort de France	MRT	cw	tfc/nav/storm	8675.2
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	FJA	Mahina	OCE	ssb	wx/nav	8805.7
	GKA	Portishead	G	cw	tfc	4286 6368.9 8545.9 12822 17098.4
						22467
	GKT/U	Portishead	G	ssb	tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw	tfc	8474
	HIA	Santo Domingo	DOM	cw	tfc	4358 13087.5
	HZG	Dammam	ARS	rtty	tfc	4352 6498.5 8707 13076 17201.5 22571
	IDQ	Rome	I	cw	wx	4280 6390.3
	KLC	Galveston	USA	cw	tfc	4256 8666 13038 16871.3
	KMI	Dixon	USA	ssb	tfc	4357.4 8728.2 8784 13100.8 13187.6
						17236
	KPH	San Francisco	USA	cw	tfc	4247 6477.5 8618 8642 12808.5
						13002 17016.5 17088.5 22479 22557
	LPC	Ushuaia	ARG	ssb	nav	4385.3 8753
	LPD	General Pacheco	ARG	cw	tfc	4268 8646 12988.5 17045.6
	LPL	General Pacheco	ARG	ssb	wx	4434.9
	LPW	Bahia Blanca	ARG	ssb	tfc	4372.9
	LPX	Comodoro				
		Rivadavia	ARG	ssb	tfc/wx/nav	4376
	LSM	Comodoro				
		Rivadavia	ARG	cw	nav	4304
	LSO	Buenos Aires	ARG	cw	nav	4304 8447 12728 16925.6
	LZL	Burgas	BUL	cw	tfc	8564
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	PCH	Scheveningen	HOL	cw	blind tfc	4250 8622 12799.5 16902 22324.5
	PJC	Curacao	ATN	cw	tfc	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	ssb	tfc	8759.2
	PKN2	Balik Papan	INS	ssb	tfc	6512.6
	PKN7	Bontang	INS	cw	tfc	6456.5
	PPJ	Juncao	B	cw	tfc	4251 8460 12689.5 16918
	PPL	Belem	B	cw	tfc	4265 8502 12979.5 17170
	PPO	Olinda	B	cw	tfc	4298 8520.1 12840 17162
	PPR	Rio de Janeiro	B	cw	tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw	tfc	6351.5 13042
	SAG	Göteborg	S	cw	tfc	4262 6372.5 8498 12880.5
						except 20-25 december
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	(4253 winter) 6491.5 (summer)
						8611.5 8662
	TUA	Abidjan	CTI	cw	tfc	4343
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDB	Leningrad	URS	cw	tfc	6425 8687.5 12693 17115
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.2 22322.5

continuation

21.00	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholm'sk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw	tfc	4285 6491.5 8440 12874 16948.5
	VCS	Halifax	CAN	rtty	wx	8716.5
	VFF	Frobisher Bay	CAN	cw	tfc	6493
	VIS	Sydney	AUS	cw	nav	4286 6428.5 8478 12907.5 16918.6 22485
	VPS	Hong Kong	HKG	cw	tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc/wx	4388.4 8762.3 13131.8 17245.3 22623.9
	XFU	Veracruz	MEX	cw	tfc/wx/nav	4285 6367 6442 8656 12775 22477
	XSG	Shanghai	CHN	cw	storm	4290 8487 12954
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	XYR	Rangoon	BRM	cw	storm	8441
	YIR	Basrah	IRQ	cw	tfc	4220 8440 16906
	YJM	Port Vila	VUT	cw	tfc	6344
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	3AC	Monaco	MCO	ssb	tfc	8728.2
	5OW	Lagos	NIG	cw	tfc	8698
	8PO	Barbados	BRB	cw	tfc	12709
	9WW20	Kuching	MLA	ssb	nav	4371.1 or 8767.2
<u>21.01</u>	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
<u>21.03</u>	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPI	Ilheus	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	wx	4143.6
	PPO	Olinda	B	ssb	wx	4143.6
	PPR	Rio de Janeiro	B	ssb	wx	4143.6
	PPS	Santos	B	ssb	wx	4143.6
	PPL	Belem	B	ssb	tfc	4369.8 8784
	P2R	Rabaul	PNG	ssb	tfc/wx/nav	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VII	Thursday Island	AUS	ssb	tfc	4428.7
<u>21.05</u>	HKB	Barranquilla	CLM	cw	tfc	4277 6463.5 8700.4 12781.5 13087.5
						17004
	LPD	General Pacheco	ARG	ssb	nav	4394.6
	LPL	General Pacheco	ARG	ssb	tfc	8759.2
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OBC	Callao	PRU	cw	wx/nav	8650 12307
	OXZ	Lyngby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	UFB	Odessa	URS	cw	wx	6341.5
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
<u>21.10</u>	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7
						17260.8 22636.3
	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1
						summer
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067
						17017.1 17187 22351.5 22533 25135
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5

continuation

21.10	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
21.15	HEB	Bern	SUI	ssv	tfc	4379.1 8784 13190.7 winter
21.18	A9M	Bahrain	BHR	cw	tfc	4284
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	J2A	Djibouti	DJI	cw	nav	8682
	6YI	Kingston	JMC	cw	tfc	8465
	9VG	Singapore	SNG	cw	nav	4322 6412
21.20	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
	6VA	Dakar	SEN	cw	tfc	8690
21.30	AQP	Karachi Naval	PAK	cw	storm	6390 8490 13011 17093.6
	CCM	Magallanes	CHL	ssb	wx	4390 8773
	CCV	Valparaiso	CHL	cw	wx	4298
	CTH	Horta	AZR	cw	wx/nav	6334.5
	CTH	Horta	AZR	rtty	wx/nav	6331.5
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	GKA	Portishead	G	cw	wx	4286 6368.9 8545.9 12822 17098.4 22467
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	8437 13069.5
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.5 17184.8 22515
	LPG	Rio Gallegos	ARG	ssb	tfc/wx/nav	8765.4
	LPM	Mar del Plata	ARG	ssb	tfc/wx	4410.1
	LPT	Puerto Santa Cruz	ARG	ssb	tfc/wx/nav	4428.7
	OBY2	Paíta	PRU	cw	nav	6436
	PPJ	Juncao	B	cw	nav	8460.5 12689.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIX	Sydney	AUS	cw	wx	4286 6428.5 8478 12907.5 16918,6 22485
	VWC	Calcutta	IND	cw	tfc	8526
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc	4391.5 8731.3 13122.5 17257.7 22642.5
	XFM	Manzanillo	MEX	cw	tfc	8568.5
	XSG	Shanghai	CHN	cw	TFC	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XVG	Haiphong	VTN	cw	tfc	16950
	XVG	Haiphong	VTN	ssb	tfc	4363,6
	XVS	Ho Chi Minh Ville	VTN	cw	tfc	8590
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	ZLB	Awarua	NZL	cw	nav	8504 12740 17170.4 22533
	5AL	Tobruk	LBY	cw	tfc	4241
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	6415 16932 22543
	9HD	Malta	MLT	cw	tfc	4223.5
	9MG	Pinang	MLA	cw	tfc	8698 12678
	9YL	North Post	TRD	cw	tfc/storm	8441
21.33	PPR	Rio de Janeiro	B	ssb	tfc	4413.2 8808.8 13141.1 17263.9 22710.7
	PPT	Santarem	B	ssb	tfc	4382.2 8790.2

continuation

21.33	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VIT	Townsville	AUS	ssb	tfc/wx/nav	4428.7
	5BA	Cyprus	CYP	ssb	tfc	8737.5
21.35	VCS	Halifax	CAN	ssb	nav	4410.1
	XSF	Lianyungang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
21.40	VCS	Halifax	CAN	ssb	nav	8787.1
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
	3DP	Suva	FJI	cw	tfc	12700
21.45	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
	FJP	Noumea	NCL	cw	tfc	12709
	OB4	Mollendo	PRU	cw	nav	6351
	VCS	Halifax	CAN	ssb	nav	13138
21.48	EBA	Madrid	E	cw	nav	4261 6388 8528.5 13059
	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VIM	Melbourne	AUS	ssb	wx/nav	4428.7
21.49	CFH	Halifax	CAN	rtty	wx	6330
21.50	DZF	Bacoar	PHL	cw	tfc	17072
	EBC	Cadiz	E	cw	nav	6422
	TYA	Cotonou	BEN	cw	tfc	6383
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6 17021.6 22487
22.00	AQP	Karachi Naval	PAK	cw	nav	6390 8490 13011 17093.6
	ASK	Karachi	PAK	cw	tfc	8670
	CBV	Valparaiso	CHL	cw	tfc	4349 8478 12714 16956 22469
	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CCV	Valparaiso	CHL	cw	nav	4298 8558 12960
	CNP	Casablanca	MRC	cw	tfc	8686
	CWA	Cerrito	URG	cw	tfc	4346 6435.5 8602 12750 16871.3 22312.5
	C6N	Nassau	BAH	cw	tfc	4220.5 6376 8441 12752
	C9L2	Maputo	MOZ	cw	tfc	8698
	DXF	Davao	PHL	cw	tfc	8615 12900
	DZG	Manila	PHL	cw	tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw	tfc	6453 8604 12906 16870.5 22323.5
	DZR	Manila	PHL	cw	tfc	4284 6446 8568 12852 17136 22482
	D3E	Luanda	AGL	cw	tfc	8565
	FFT	Saint Lys	F	rtty	tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw	tfc/wx	4286 6368.9 8545.9 12822 17098.4 22467
	HCG	Guayaquil	EQA	cw	tfc	8474
	HEB	Bern	SUI	cw	blind tfc	4259 8601.5 13023.7 16863.3 22344.5
	HLG	Seoul	KOR	cw	tfc	4308 6451 8473 12935 17118 22482
	HPN66	Canal	PNR	cw	tfc	4240 6467 8607 12873.5 17128.5 22412
	HZG	Dammam	ARS	ssb	tfc	4372.9 4382.2 6506.4 6512.6 8740.6 8749.9 13103.9 13169 17236
	HZY	Ra's Tannurah	ARS	cw	tfc	4308.5 8480 12811.3
	JCS	Choshi	J	cw	tfc	8653.6 17112.6 22419
	KCI95	Cold Bay	ALS	ssb	wx	4125
	KMI	Dixon	USA	ssb	tfc	4403.9 8743.7 13103.9 13107 17239.1 22636.3
	LF./G.	Rogaland	NOR	cw	tfc	4241 6432 8574 12961 17074.5 22425
	LPZ	Trelew	ARG	ssb	tfc/wx/nav	4385.3
	NMN	Portsmouth	USA	ssb	wx	8765.4 13113.2 17307.3
	NMO	Honolulu	HWA	cw	nav	16457.5 22472
	NRV	Apra Harbour	GUM	cw	tfc	8570 12743 17146.4 22527
	NRV	Apra Harbour	GUM	cw	wx	12743 17146
	NRV	Apra Harbour	GUM	rtty	tfc	13077 22567
	PKB20	Lhok Seumawe	INS	cw	tfc	12980
	PKN7	Bontang	INS	cw	tfc	8626

continuation

22.00	PPL	Belem	B	cw	nav	4265 8502 12979.5
	P2R	Rabaul	PNG	cw	tfc	4247 8515
	SPE	Szczecin	POL	cw	tfc	summer: 4331 8557 12939
						winter: 4331 6459 8557 12939
	STP	Port Sudan	SDN	cw	tfc	4226.5 8652
	S3D	Chittagong	BGD	cw	tfc	13056
	TAH	Istanbul	TUR	cw	tfc	summer: 6491.5 winter: 8611.5 8662
	TUA	Abidjan	CTI	cw	tfc	4343
	T3K	Tarawa	KIR	ssb	tfc	4388.4
	UAH	Tallin	URS	cw	tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw	tfc/wx/nav	4271 6370 13000
	UBN	Jdanov	URS	cw	tfc	8620 12732
	UDH	Riga	URS	cw	tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw	tfc	4230 6447 8593 12950 17063 22555
	UFN	Novorossiisk	URS	cw	tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw	tfc	4295 8695 12912 17190.5 22322.5
	UKA	Vladivostok	URS	cw	wx/ice	4241 12870
	UKA	Vladivostok	URS	rtty	nav	6460 13086
	UMV	Murmansk	URS	cw	tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw	tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw	tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw	tfc	4349 6470 8610 12795 16867.5
	VWB	Bombay	IND	cw	tfc	8514
	VWM	Madras	IND	cw	tfc	8674.4
	WLO	Mobile	USA	ssb	tfc	4369.8 4397.7 4413.2 8790.2 8805.7
						8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw	tfc	4256.5 6446 8474.5 12704.5 12886.5
						17172.4 22320
	WOO	Ocean Gate	USA	ssb	tfc/wx	4403.9 8740.6 13184.5 17291.8 22596
	XFP	Chetumal	MEX	cw	tfc	8595.5
	XSV	Tianjing	CHN	cw	tfc/ice	4283 8600 12962 16862.5
	XSY	Hualien	TAI	cw	tfc	8546
	YUR	Rijeka	YUG	cw	tfc	4346 8700 12780.5 16942.8 22443
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	Y5M	Rügen	DDR	cw	blind tfc	4240
	ZLB	Awarua	NZL	cw	tfc	4277 6393.5 8504 12740 17170.4 22533
	3AC	Monaco	MCO	ssb	tfc	8728.2
	5OW	Lagos	NIG	cw	tfc	8698
	6VA	Dakar	SEN	cw	wx	6383 8690
	9WW20	Kuching	MLA	cw	nav	8522
22.01	S3E	Khulna	BGD	cw	tfc	8658 13024
22.03	EHY	Pozuelo del Rey	E	ssb	tfc	4372.9 4388.4 6515.7 8728.2 8746.8
						13128.7 13181.4
	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6 22673.5
	PPA	Salvador	B	ssb	tfc	4403.9 8784
	PPB	Sao Luis	B	ssb	tfc	4366.7 8774.7
	PPJ	Juncao	B	ssb	tfc	4382.2 8802.6
	P2M	Port Moresby	PNG	ssb	tfc/wx/nav	4407 6515.7
	VIP	Perth	AUS	ssb	tfc	4428.7
	VIS	Sydney	AUS	ssb	tfc/nav	4428.7
	VIX	Sydney	AUS	ssb	wx	4428.7
22.05	LPD	General Pacheco	ARG	ssb	nav	8759.2
	LPL	General Pacheco	ARG	ssb	tfc	17232.9
	TFA	Reykjavik	ISL	ssb	tfc	13144.2
	OFJ	Helsinki	FNL	cw	tfc	4272 6355 8457 12669 12687
	SVN	Athinai	GRC	ssb	tfc	4428.7 8759.2 13196.9 17353.8 22645.6
	VCS	Halifax	CAN	ssb	wx	4410.1
	WOE	Lantana	USA	cw	tfc	12970.5
	XSZ	Dalian	CHN	cw	tfc	4305
22.10	IAR	Rome	I	ssb	tfc	4391.5 8811.9 13125.6 17248.4 22599.1
						winter

continuation

22.10	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067 17017.1 17187 22351.5 22533 25135
	SUP	Port Said	EGY	cw	tfc	8472
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 22435
	VAI	Vancouver	CAN	ssb	tfc	4385.3 6518.8 8737.5 13119.4 17254.6
	XSE	Qinhuangdao	CHN	cw	tfc	8484
22.15	VCS	Halifax	CAN	ssb	wx	8787.1
22.18	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	TIM	Limon	CTR	cw	tfc	8478 13100 16873 22336
	VIH	Hobart	AUS	ssb	tfc/wx/nav	4428.7
	VII	Thursday Island	AUS	ssb	nav	4428.7
	VIR	Rockhampton	AUS	cw	tfc	4255.6 6333.5
	WPA	Port Arthur	USA	cw	tfc	4322 6436.3 8550 12839.5 16917 22318.5
22.20	VIP	Perth	AUS	cw	tfc	8597 12994 16947.6 22315.5
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4 summer
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663 13028 16874 17075
22.25	CLA	Havana	CUB	cw	tfc	4225 6337 8573 8702 12673.5 13062 17165.6 22396
	VCS	Halifax	CAN	ssb	wx	13138
	XSU	Yantai	CHN	cw	tfc	8574
	4XO	Haifa	ISR	cw	tfc	4238 8694 13051.5 17146.4 22491
	CUL	Lisbon	POR	cw	tfc	8490 12943.5 16959.2 22479
	C9L6	Mocambique	MOZ	cw	tfc	8698
22.30	FFL	Saint Lys	F	cw	tfc	(4328 winter) 8522.5 12912.6
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	KLB	Seattle	USA	cw	tfc	6411 8582 12907.5 17007.2
	LPP43	Posadas	ARG	ssb	tfc	4363.6
	LPY	Puerto Deseado	ARG	ssb	tfc	8746.8
	NMC	San Francisco	USA	ssb	wx	8765.4 13113.2
	NMO	Honolulu	HWA	rtty	nav	8718 13084.5 22574.5
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VIT	Townsville	AUS	cw	tfc	6463.5
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588 summer
	WOM	Pennsuco	USA	ssb	tfc/wx	4407 8746.8 13125.6 17260.8
	WSL	Amagansett	USA	rtty	tfc	13094.5 17197.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSX	Keelung	TAI	cw	wx	8445 12695 22459
	XVG	Haiphong	VTN	cw	tfc	12820
	ZSC	Cape Town	AFS	cw	tfc	8461 12724 17018 22455
	5AT	Tripoli	LBY	cw	tfc	8515
	9VG	Singapore	SNG	cw	tfc	4322 6412 8530 12817.5 16966.5 22428
22.33	PPF	Fortaleza	B	ssb	tfc	4403.9 8802.6
	PPM	Manaus	B	ssb	tfc	4403.9 8808.8
	PPS	Santos	B	ssb	tfc	4403.9 8790.2
	VIB	Brisbane	AUS	ssb	tfc/wx/nav	4428.7
	VID	Darwin	AUS	ssb	tfc/wx/nav	4428.7
22.35	WNU	Slidell	USA	cw	tfc	4310 6326.5 8570 12826.5 17117.6 22431
22.40	VFF	Frobisher Bay	CAN	ssb	wx	4376
	XST	Qingdao	CHN	cw	tfc	8546
22.45	C9L6	Mocambique	MOZ	cw	tfc	4289
	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
	FFP	Fort de France	MRT	ssb	tfc	4428.7
22.48	JMC	Tokyo	J	cw	wx	4298 6397 8526 12840 17029
	VIR	Rockhampton	AUS	ssb	tfc/wx/nav	4428.7

continuation

22.48	VIS	Sydney	AUS	tfc/nav	4245 6464 8521 12952.5 12979.5 17161.3 17194.4 22474 22495
	VIS	Sydney	AUS	cw wx	8452
22.50	KOK	Los Angeles	USA	cw tfc/storm	6463.5 8591 12993 17064.8 22413
	PCH	Scheveningen	HOL	cw tfc	4250 8622 12799.5 16902 22324.5
	VWV	Vizag	IND	cw tfc	8510
	WCC	Chatham	USA	cw tfc	8630 13033.5 16972
	CNP	Casablanca	MRC	cw tfc	8686
	C6N	Nassau	BAH	cw tfc	4220.5 6376 8441 12752
23.00	DXF	Davao	PHL	cw tfc	8615 12900
	DZG	Manila	PHL	cw tfc	6441 8588 12882 17176 22502
	DZJ	Bulacan	PHL	cw tfc	6453 8604 12906 16870.5 22323.5
	FFT	Saint Lys	F	rtty tfc	4352 8708.5 13074.5 17201 22563
	GKA	Portishead	G	cw tfc	4286 6368.9 8545.9 12822 17098.4 22467
	GKT/U	Portishead	G	ssb tfc	4372.9 8765.4 13100.8 17236 22611.5
	HCG	Guayaquil	EQA	cw tfc	8474
	HIA	Santo Domingo	DOM	cw tfc	4358 13087.5
	HZG	Dammam	ARS	rtty tfc	4352 6498.5 8707 13076 17201.5 22571
	KLC	Galveston	USA	cw tfc	4256 8666 13038 16871.3
	KPH	San Francisco	USA	cw tfc	4247 6477.5 8618 8642 12808.5 13002 17016.5 17088.5 22479 22557
	LFL	Rogaland	NOR	ssb tfc	8780.9 13162.8
	LPA	Rio Grande	ARG	ssb tfc	8753
	LPG	Rio Gallegos	ARG	ssb tfc/wx/nav	4400.8
	LPW	Bahia Blanca	ARG	ssb tfc/wx/nav	4372.9
	NRV	Apra Harbour	GUM	rtty tfc	13077 22567
	PJC	Curacao	ATN	cw tfc/storm	4334 6491.5 8694 13042.5 17170.4
	PKB20	Lhok Seumawe	INS	cw tfc	6456.5
	PKE	Amboina	INS	ssb nav	8796.4
	PKN2	Balik Papan	INS	ssb tfc	6512.6
	PKN7	Bontang	INS	cw tfc	12980
	PKR6	Cilacap	INS	cw tfc	8626
	PNK	Jayapura	INS	ssb nav	8802.6
	PPR	Rio de Janeiro	B	cw tfc	4244 8634 12738 16984 22352.5
	P2M	Port Moresby	PNG	cw tfc	6351.5 13042
	SAG	Göteborg	S	cw tfc	4262 6372.5 8498 12880.5 except 20-25 december
	STP	Port Sudan	SDN	cw tfc	4226.5 8652
	S3D	Chittagong	BGD	cw tfc	13056
	TAH	Istanbul	TUR	cw tfc	winter: 4253 summer: 8611.5 8662
	UAH	Tallin	URS	cw tfc	4285 6485 12723 17077
	UBE	Petropavlovsk	URS	cw tfc	4271 6370 13000
	UBN	Jdanov	URS	cw tfc	8620 12732
	UDB	Leningrad	URS	cw tfc	6425 8687.5 12693 17115
	UDH	Riga	URS	cw tfc	4236 6410 8506 13070 16997 22420
	UFB	Odessa	URS	cw tfc	4230 6447 8593 12950 17063 22555
	UFL	Vladivostok	URS	cw wx	8595
	UFL	Vladivostok	URS	cw nav	6385
	UFN	Novorossiisk	URS	cw tfc	4245 13040 16890.5
	UHK	Batumi	URS	cw tfc	4295 8695 12912 17190.5 22322.5
	UMV	Murmansk	URS	cw tfc	6331.5 6400 8690 12661 12730 16960
	UNM2	Klaipeda	URS	cw tfc	4229 6429 8473 8701 12703
	UQB	Kholmisk	URS	cw tfc	6380 8675 12678
	UXN	Arkhangelsk	URS	cw tfc	4349 6470 8610 12795 16867.5
	VCS	Halifax	CAN	cw tfc	4285 6491.5 8440 12874 16948.5
	VFF	Frobisher Bay	CAN	cw tfc/wx/nav	6493
	VIM	Melbourne	AUS	cw tfc	6333.5
	VPS	Hong Kong	HKG	cw tfc	8539 13020.4 17096 22536
	WLO	Mobile	USA	ssb tfc	4369.8 4397.7 4413.2 8790.2 8805.7 8808.8 13134.9 17356.9
	WLO	Mobile	USA	cw tfc	4256.5 6446 8474.5 12704.5 12886.5 17172.4 22320

continuation

23.00	WOO	Ocean Gate	USA	ssb	wx	4422.5 8749.9 13107 17310.4 22704.5
	WWD	La Jolla	USA	ssb	wx	4431.8 8644.1 17408.6 monday-friday
	XFL	Mazatlan	MEX	cw	tfc	8470
	XFU	Veracruz	MEX	cw	tfc	4285 6367 6442 8656 12775 22477
	XSJ	Zhanjiang	CHN	cw	tfc	4295 8614
	XSV	Tianjing	CHN	cw	tfc	4283 8600 12962 16862.5
	XSW	Kaohsiung	TAI	cw	wx	8582
	XSX	Keelung	TAI	cw	tfc	8445 12695.5 17011 22459
	YVG	La Guaira	VEN	cw	tfc	4222 6351.5 8461 17141.6
	Y5M	Rügen	DDR	cw	tfc	4233.5 6466 8584 12702 16907.3
	3AC	Monaco	MCO	ssb	tfc	8728.2 winter
	5OW	Lagos	NIG	cw	tfc	8698
	8PO	Barbados	BRB	cw	tfc	8449.3
	9YL	North Post	TRD	cw	tfc/storm	6470.5
23.01	S3E	Khulna	BGD	cw	tfc	8658 13024
	ZAD	Durrës	ALB	cw	tfc	4302 6434 8696 12690 17173
23.02	WMI	Lorain	USA	ssb	wx/storm	4382.2
23.03	FFL	Saint Lys	F	ssb	tfc	4366.7 8808.8 13178.3 17316.6
						22673.5
	PPC	Itajai	B	ssb	tfc	4369.8 8784
	PPO	Olinda	B	ssb	tfc	4369.8 8790.2
	P2R	Rabaul	PNG	ssb	tfc/wx	4407 6515.7
	UAT	Moscow	URS	cw	tfc	8440.6 12910 16992.8 22512
	VIA	Adelaide	AUS	ssb	tfc/wx/nav	4428.7
	VII	Thursday Island	AUS	ssb	wx/nav	4428.7
23.05	LFL	Rogaland	NOR	cw	wx	6512.6 8749.9
	LPD	General Pacheco	ARG	ssb	nav	4394.6
	LPL	General Pacheco	ARG	ssb	tfc	13159.7
	LZW	Varna	BUL	cw	tfc	4250 6405 8532 12940 16918 22344
	OXZ	Lyngby	DNK	ssb	tfc	4410.1 8740.6 13141.1
	PCH	Scheveningen	HOL	ssb	tfc	4369.8 8796.4 13138 17341.4 22608.4
	TFA	Reykjavik	ISL	cw	tfc	4289
	XSL	Fuzhou	CHN	cw	tfc	4343 8598
	XSZ	Dalian	CHN	cw	tfc	4305
	9KK	Kuwait	KWT	ssb	tfc	8743.7 17298
23.10	CWF	Punta Carretas	URG	ssb	tfc	4357.4 6518.8 8291.1 13128.7 17260.8
						22636.3
	OST	Oostende	BEL	cw	tfc	6328.25 6411 8478 8652 12781.5 13067
						17017.1 17187 22351.5 22533 25135
	SUH	Alexandria	EGY	cw	tfc	8578 12970.5
	UFL	Vladivostok	URS	cw	tfc	6445 8515 12955 17110 12435
	VAI	Vancouver	CAN	cw	tfc	4235 6493 8453 12876 17175.2
	XSM	Xiamen	CHN	cw	tfc	4314 8453
23.12	WLC	Rogers City	USA	ssb	wx/storm	4369.8
23.15	LFL	Rogaland	NOR	cw	wx	6512.6 8749.9
	PKY5	Merauke	INS	cw	tfc	8457
23.18	A9M	Bahrain	BHR	cw	tfc	4284
	FFD	Saint Denis	REU	cw	storm	4226 8468.5
	VIA	Adelaide	AUS	cw	tfc	6463.5
	VIB	Brisbane	AUS	cw	tfc/wx/nav	6351.5
	VIC	Carnarvon	AUS	ssb	tfc/wx/nav	4428.7
	VIM	Melbourne	AUS	cw	tfc/wx/nav	6333.5
23.20	DZH	Manila	PHL	cw	wx	4274 6411 8548 12822 17072
	JNA	Tokyo	J	cw	nav	4276 8492 12942 17052.5 22398
	PKY41	Sorong	INS	ssb	tfc	4425.6
	WPD	Tampa	USA	cw	tfc/wx	4274 6365.5 8615.5 13051.5 17170.4
						winter
	XSO	Wenzhou	CHN	cw	tfc	4280 8586
	ZSD	Durban	AFS	cw	tfc	4240 4242.5 6372 8436.5 8576.5 12663
						13028 16874 17075
23.30	CBF37	Cabo Carranza	CHL	ssb	wx	6395
	CBF39	Punta Tumbes	CHL	ssb	wx	6395
	CBF44	Isla Mocha	CHL	ssb	wx	6395

continuation

23.30	CBF48	Punta Corona	CHL	ssb	wx	6395
	CBF49	Isla Guafo	CHL	ssb	wx	6395
	CBF51	Cabo Rapes	CHL	ssb	wx	6395
	CBF59	Islotas				
		Evangelistas	CHL	ssb	wx	6395
	CBF67	Punta Dungeness	CHL	ssb	wx	6395
	DAM	Norddeich	D	cw	tfc	4265 6475.5 8638.5 12763.5 16980.4 22476 25196
	D4A	Sao Vicente	CPV	cw	tfc	8469
	HCG	Guayaquil	EQA	cw	tfc	12711 16948
	HLP	Pusan	KOR	cw	tfc	4235
	JOS	Nagasaki	J	cw	tfc	8437 13069.5 16933.2 22396
	KFS	San Francisco	USA	cw	tfc	4228 6348 8444.5 12695.9 17184.8 22515
	KLC	Galveston	USA	cw	wx	4256 6369 8666 13038 16871.3
	LPC	Ushuaia	ARG	ssb	nav	4385.3
	LPM	Mar del Plata	ARG	ssb	wx/nav	4410.1 8749.9
	NMN	Portsmouth	USA	ssb	wx	6506.4 8765.4 13113.2
	PKI	Jakarta	INS	cw	tfc	8542
	UKK3	Nakhodka	URS	cw	tfc	6439 8510 12990 17060
	VWC	Calcutta	IND	cw	tfc	8526
	WLO	Mobile	USA	cw	wx	6446 8474.5 12704.5 17172.4
	WLO	Mobile	USA	rtty	tfc/wx	4352 8707 13083.5 17199.5 22588 winter
	WMH	Baltimore	USA	cw	tfc	8610 12952.9 17093.6
	WOM	Pennsuco	USA	ssb	tfc/wx	4425.6 8793.3 13144.2 17263.9
	XFM	Manzanillo	MEX	cw	wx	6354
	XFM	Manzanillo	MEX	cw	tfc	8568.5
	XSG	Shanghai	CHN	cw	tfc	4319 8451 8502 8665 12856 12871.5 16916.5 17103.2 22312.5
	XSQ	Guangzhou	CHN	cw	tfc	4340 8490 8514 12700 16884.5 16950 22452
	XSW	Kaohsiung	TAI	cw	tfc	8582 12727.5
	XSY	Hualien	TAI	cw	wx	8546
	XVG	Haiphong	VTN	cw	tfc	4315
	YJM	Port Vila	VUT	ssb	tfc	4385.3 6215.5
	5AT	Tripoli	LBY	cw	tfc	8515
	7TA	Alger	ALG	cw	tfc	6415 16932 22543
	9MG	Pinang	MLA	cw	tfc	8698 12678
23.33	PPN	Natal	B	ssb	tfc	4382.2 8808.8
	PPV	Vitoria	B	ssb	tfc	4382.2 8802.6
	VCS	Halifax	CAN	ssb	tfc	4410.1 6518.8 8787.1 13138 17242.2
	VIE	Esperance	AUS	ssb	tfc	4428.7
	VIM	Melbourne	AUS	ssb	tfc	4428.7
	VIO	Broome	AUS	ssb	tfc/wx/nav	4428.7
	VIT	Townsville	AUS	ssb	tfc	4428.7
	5BA	Cyprus	CYP	ssb	tfc	8737.5
23.35	VIH	Hobart	AUS	ssb	tfc	4428.7
	XSF	Lianyungang	CHN	cw	tfc	4326 8622
	9KK	Kuwait	KWT	cw	tfc	8525 12895
23.40	CBF29	Punta Tortuga	CHL	ssb	wx	6395
	CFH	Halifax	CAN	rtty	wx	4271 6330
	VFF	Frobisher Bay	CAN	ssb	tfc	4376
	XSN	Ningbo	CHN	cw	tfc	4222 8582
23.45	DAJ	Norddeich	D	ssb	tfc	4397.7 6506.4 8768.5 13172.1 17279.4 22614.6 25497
	NMO	Honolulu	HWA	ssb	wx	8765.4 13113.2
23.48	JMC	Tokyo	J	cw	storm	4298 6397 8526 12840 17029
	VIT	Townsville	AUS	cw	tfc/wx/nav	6463.5
	VWB	Bombay	IND	cw	storm	8630 12710 only when tropical storm
23.50	DZF	Bacoar	PHL	cw	wx	4274 6411 8548 12822
	DZF	Bacoar	PHL	cw	tfc	17072
	EBD	Cartagena	E	cw	nav	4342

continuation

23.50	VIS	Sydney	AUS	cw	tfc	8452 12979.5 17194.4 22495
	WPD	Tampa	USA	cw	tfc	4274 6365.5 8615.5 13051.5 17170.4
						summer
	WSL	Amagansett	USA	cw	tfc	8514 8658 12660 13024 16997.6 17021.6
						22487
23.55	CCM	Magallanes	CHL	cw	wx	4256 8510 12510
	CT..	Monsanto	POR	cw	wx	4236 8527 13003
	CT..	Monsanto	POR	rtty	wx	4233 8524 13000

On Her Majesty's Service.

250

By air mail
Par avion

Michel Schaay,
Sparrenlaan 42,
3941 GM Doorn,
The Netherlands.



MAURITIUS MAURITIUS

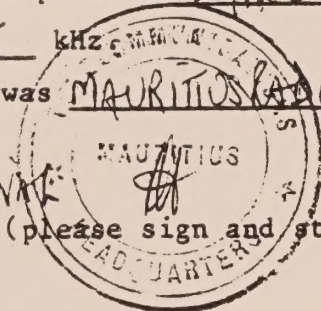
please return to: Michiel Schaay, Sparrenlaan 42, 3941 GM Doorn, The Netherlands

Hereby we confirm your reception on 29th DECEMBER 1980 at 16.09 hours
GMT on frequency 12988.5 kHz.

The station you received was MAURITIUS Radio 3 BM 5, SITUATED AT BIGARA 20.18 SOUTH
TX: MARCONI 4 KW. 57.31 EAST

AERIAL: OMNIDIRECTIONAL

(please sign and stamp)



R. Hurloll (R. HURLOLL)
for DIRECTOR OF TELECOMMUNICATIONS.

